Agency: Commerce, Community and Economic Development

Grants to Municipalities (AS 37.05.315)

Grant Recipient: Bethel

Project Title:

Bethel - Bethel Fire Station Roof Repair

State Funding Requested: $ 1,200,000 **House District:** 38 - S

One-Time Need

Brief Project Description:

Repair roof truss and replace existing roof with a Klip-Rib metal roof.

Funding Plan:

Total Cost of Project: $1,250,000

	Funding Secured		Other Pending Requests		Anticipated Future Need	
	Amount	*FY*	*Amount*	*FY*	*Amount*	*FY*
Local Funds	$200,000	FY 2008			$50,000	FY 2009
Total	$200,000				$50,000	

Detailed Project Description and Justification:

Wood roof trusses has rotted and needs to be replaced ore repaired; insulation foam needs to be removed to work on trusses and then replaced; preservative solution treatment and installing new studs for roof siding replacement. Purchase roof metal panels, flashing, tools, water and ice guards, plywood sheeting, sheetrock, scaffolding, forklift fence.

Bethel Fire Station building is 26 year old. Its current condition puts the fire station roof in danger of catastrophic collapse and is a public saftey concern. Leaks have been compounded by condensation traveling up from inside the building. In addition, a blown foam design that works to trap moisture between the wooden trusses and the foam, caused the wood to rot. Some of the trusses in the roof over the bunk room has rotted clean through.

The Bethel Fire Department responds to 1,000 calls for assistance a year (approx 800 emergency adn 200 fire related); responds to a real fire averages to once a week; serves as a regional training facility and Bethel's Emergency Operations Center.

Project Timeline:

July 1, 2008- June 30, 2009

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Bethel

Contact Name: Pat Walker
Contact Number: 5047

For use by Co-chair Staff Only:

4:56 PM 4/29/2008

Grant Recipient Contact Information:

Contact Name: Wally Baird, City Manager
Phone Number: (907) 543-2047
Address: PO Box 1388, Bethel, AK 99559
Email:

Has this project been through a public review process at the local level and is it a community priority? [X] Yes [ ] No

For use by Co-chair Staff Only:

4:56 PM 4/29/2008

Contact Name: Pat Walker
Contact Number: 5047

CITY OF BETHEL

P.O. Box 1388 • Bethel, Alaska 99559-1388
907-543-2047
Fax # 543-4171
Website: www.cityofbethel.org

February 12, 2008

Senator Lyman Hoffman
State Capitol, Room 7
Juneau, AK 99801-1182

RE: Bethel Request for Legislative Funding

Dear Senator Hoffman:

Thank you for working with the City of Bethel to help us secure legislative funding this year for three of our home-town projects: (1) Fire Station Roof Repair, (2) New Law Enforcement Center design, and (3) Pool and Recreation Center design. Your role as co-chair of the Finance Committee should serve us well.

Bethel City Council approved FY 2008 City Budget modifications to appropriate $200,000 in the budget for fire station roof replacement and $200,000 to help fund the design of a new law enforcement center. This money was specifically designated to carry-over to the next fiscal year to insure that we have it when we need it. Please convey to your fellow legislators that the City is actively participating in funding these important projects.

To help you communicate the essentials about our three projects, I have enclosed a one page summary sheet that you can hand out to fellow legislators. I hope you find this tool useful.

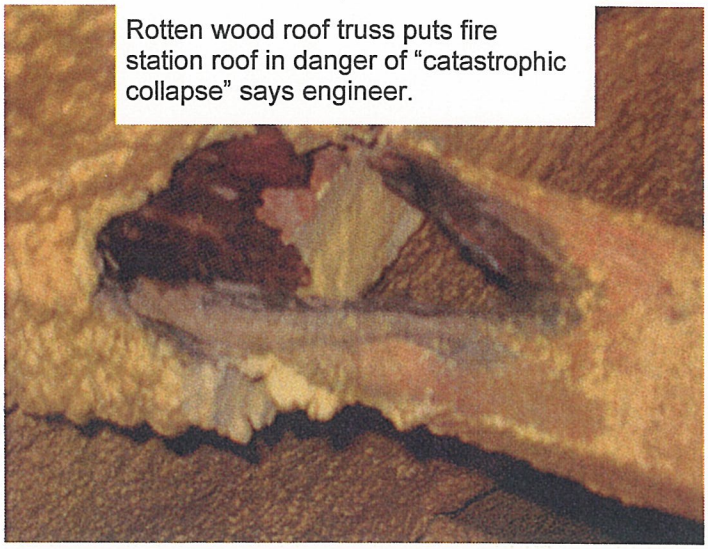
Please call City Manager Wally Baird or myself if you have any questions or need more information. We aim to provide you with all the ammunition you need to help use get funding for our priority projects.

Sincerely,

Eric Middlebrook
Mayor

Three Bethel Health and Safety Capital Projects Need State Legislative Funding

Bethel Fire Station Roof Repair


Rotten wood roof truss puts fire station roof in danger of "catastrophic collapse" says engineer.

Approximately $1.25 million is needed to replace the fire station roof. The last ten years have not been kind to the roof. Leaks from above due to high winds, snow, rain, and ice damns have been compounded by condensation traveling up from inside the building. Making matters worse is the blown foam design that works to trap moisture between the wooden trusses and the foam, causing the wood to rot. Some of the trusses in the roof over the bunk room have rotted clean through (see photo).

Bethel Law Enforcement Center

The City of Bethel needs $1 million from the State to design a law enforcement center they can share with the Alaska State Troopers in Bethel. The Troopers and Police officers could share key information while using the kitchen, exercise room, garage, or classroom.


Sewer in kitchen floor

The current police station is a 30-year old building in disrepair. From the sewer smell coming through the kitchen floor to the dust, mold, and mildew found throughout the building, officers, dispatchers, and administrative assistants need a healthy, safe place to perform their duties. Officers and dispatchers are work in cramped quarters, share desks, and conduct breathalyzer tests and victim interviews in hallways because space is short.

The indoor evidence room is full to overflowing. The one outside storage van is full of evidence boxes, some that had to be stored outside at the risk of contaminating the evidence.

The number one reason officers report leaving the police force is the run-down building conditions. The City has a constant need to recruit and retain qualified officers, dispatchers, and evidence custodians and a new building would attract fresh talent.

Pool and Recreation Center

Kids in the YK Delta villages are drowning because they can't swim. Children go to fish camp in the summertime and play in the water, work the fish nets, and sometimes get themselves in deep water.

Children in Bethel and surrounding villages need a warm, safe place to learn how to swim. A large pool and recreation center in Bethel offers an accessible solution to the problem.

The community of Bethel committed to fund the pool and recreation center by voting to increase the sales tax from 5% to 6% for two years and then lower it to 5.5% for the next 18 years. This sales tax will bring in $11 million over 20 years to fund the operation and maintenance of the pool. All the community needs from the State legislature is $2 million in design money to kick the project into high gear.

CITY OF BETHEL

P.O. Box 1388 • Bethel, Alaska 99559-1388
907-543-2047
Fax # 543-4171
Website: www.cityofbethel.org

December 13, 2007

Senator Lyman Hoffman
State Capitol, Room 7
Juneau, Alaska 99801-1182

RE: State Legislative Funding Priorities for Bethel, Alaska

Dear Senator Hoffman:

Thank you for representing the community of Bethel in the state legislature. Your help in attaining education funds for our community have been invaluable. We at the City hope you can help us this legislative session by securing money for several of our five priorities.

The Bethel City Council held a special meeting on December 4, 2007 and passed Resolution #07-35, a resolution setting five priorities for the FY 2009 State of Alaska legislative funding cycle. The first two priorities (revenue sharing and PRS/TRS assistance) are statewide in nature with no specific amounts attached thereto. No supporting documents are included for these two priorities.

The next three priorities and funding amounts will have a direct impact on Bethel:

Priority 3: Bethel Fire Station Roof Repair - $1,200,000

Priority 4: Regional Law Enforcement Center - $1,000,000

Priority 5: Multi-Use Recreational Center - $2,000,000

Supporting documents are included for each of these three priorities. Please contact me if you have any questions or need more information. I attached my card for your convenience.

Sincerely,

John Sargent
Grant Development Manager

"Deep Sea and Transportation Center of the Kuskokwim"

Introduced by: Wally Baird, City Manager
Date: December 4, 2007
Action: Passed
Vote: 4-1

CITY OF BETHEL

Resolution # 07-35

A RESOLUTION BY THE BETHEL CITY COUNCIL SETTING FIVE PRIORITIES FOR THE FY 2009 STATE OF ALASKA LEGISLATIVE FUNDING CYCLE

WHEREAS, the Bethel City Council is a seven-member body elected by resident voters of Bethel to act in the best interest of the community;

WHEREAS, the Council annually sets priorities and communicates those priorities to the Governor and Alaska State Legislators;

WHEREAS, the Bethel City Council determined that the following five priorities should receive funding in the FY 2009 Alaska State Budget: (1) Community Dividend or Revenue Sharing arrangement, (2) Public Employees Retirement System (PERS) and Teachers Retirement System (TRS), (3) Bethel Fire Station Roof Repair, (4) Regional Law Enforcement Center; and (5) Multi-use Recreation Center;

1. Community Dividend or Revenue Sharing

WHEREAS, a Community Dividend or Revenue Sharing arrangement is needed to provide financial assistance to all communities in Alaska, especially rural villages that lack a tax base and many of the revenue-generating alternatives found in hub communities;

WHEREAS, the Council supports the efforts of the Alaska Municipal League to instill a Community Dividend or Revenue Sharing program;

2. Public Employees Retirement System and Teachers Retirement System

WHEREAS, the City of Bethel offers the Public Employees Retirement System as a benefit to its employees and has a vested interest in its sustainability;

WHEREAS, the Council supports the efforts of the Alaska Municipal League to improve the Public Employees Retirement System and the Teachers Retirement System with one or more permanent solutions;

Introduced by: Wally Baird, City Manager
Date: December 4, 2007
Action: Passed
Vote: 4-1

5. Multi-use Recreation Center

WHEREAS, the need for a multi-use recreation facility that includes a swimming pool has been expressed by the community of Bethel in numerous community plans since the early 1970s;

WHEREAS, the City of Bethel Multi-Use Recreation Facility Plan, completed by Agnew Beck Consulting in 2005, identifies a swimming pool as the number one facility voted on by community members to include in the recreation center;

WHEREAS, the Yukon-Kuskokwim Delta region experiences one of the highest drowning rates in Alaska—largely because residents do not know how to swim, rescue individuals from the water, or perform essential resuscitation exercises;

WHEREAS, the City of Bethel passed an ordinance allocating a minimum of $500,000 to support the operation and maintenance of a multi-use recreation center for 20 years;

WHEREAS, the design phase for a Multi-Use Recreation Center is expected to cost $2,000,000 and this amount should be included in the FY 2009 State of Alaska Budget for the City of Bethel.

NOW, THEREFORE, BE IT RESOLVED that the Bethel City Council hereby sets five priorities for the FY 2009 Alaska State Legislative funding cycle and encourages the Governor and Legislature to approve this funding request.

ENACTED THIS 4th DAY OF December 2007 BY A VOTE OF 4 IN FAVOR AND 1 OPPOSED.

Mary Kenick, Mayor

ATTEST:

Sandra Modigh, City Clerk

Bethel Fire Station Roof Replacement

Documentation

Estimation Cost Proposal

Repair Roof Truss and Replace Existing Roof with a "Klip-Rib" Metal Roof

Detailed Price Breakdown

Establishment of Weekly/Daily Labor Costs:	
6 men X 40 hours (regular time) = 240 x $72.55/Hr.	$17,412.00
6 men x 20 hours (overtime) = 120x$93.49/Hr.	11,219.00
Total Weekly Wages (Rounded)	$28,631.00
Total Daily Wages ($28,631 ÷ 6) (Rounded)	$ 4,772.00

Price for Incidental Costs:

- Job Site Insurance for loss of materials, and other job Site related costs, cell phone, fax machine	$ 4,200.00
- Transportation Anchorage to Bethel (R/T)	
6 Roofers – 6 x $560.	3,360.00
4 Trips for Structural Engineer, Project Manager – 4 x $560 (2 trips each)	2,240.00
- Barge roof metal panels from Tacoma, WA to Anchorage, AK OSHA roofing work requirement: Guard rails.	12,000.00
- Air Freight of materials from Anchorage to Bethel for roof metal panels, flashing, tools, water and ice guards, plywood sheeting, sheetrock, scaffolding, forklift, fence.	
Approximately 60,000 lb. one way to Bethel	$55,000.00
Approximately 20,000 lb. one way return to Anchorage	19,000.00
- Local Transportation (Pick-Up Truck) – 2 Months 2 x 30 x $150/Day	$ 9,000.00
- Room and Board – 6 men x 60 days x $100/Day	$36,000.00
Total Incidental Costs	$140,800.00

Incidental Costs Per Day $140,800/60 days = $2,345/day or $14,070/Week

Proposed Price as Per Proposed Work Plan:

Item #1 Mobilization, demolition of existing metal roof and tar paper, taking all waste to city dump (We will do a 20 ft. section at a time for a total of 8 sections.)

6 men x 1 Week	$31,440.00
Incidental Costs – 1 Week	14,070.00
Item #1 Subtotal	$45,510.00
Item #1 Subtotal (from previous page)	$45,510.00
General Contractor 10% Overhead	4,551.00
General Contractor 10% Profit	4,551.00
3% Bond, 1% City Tax	2,184.00
Grand Total Item #1	$56,826.00

Item #2 The workers will remove the metal roofing a section (20 ft.) at a time, remove all rotten roof plywood, cut up the urethane insulation that has been sprayed on both sides of the roof truss, clean all the urethane on the roof truss. They will repair all (72) seventy-two roof truss top cords with 2" x 6" and 2" x 8" treated lumber reinforcement to keep the integrity of roof trusses and cover it up with new 5/8" plywood. Then they will add 3 layers of 2" rigid form insulation board to get the R-19 insulation value. With the 15# flat paper, water and ice guard, another piece of 5/8" plywood and a new metal 'Klip-Rib" roof, the total roof insulation value can be close to R-24, exceeding the IBC requirement.

Labor to remove roof, rotten plywood, and urethane from roof truss and repair top cord of the roof truss	
6 men x 8 weeks – 8 x $57,262/wee.	$458,096.00
Materials – Plywood: 2 layers of 5/8"	
15# flat paper, 2" x 6", 2" x 8" lumber	
3 layers of 2" blue board	
1 layer of ice and water guards	
Sealants, bolts, and screws	
12" roof screws to hold new roof and insulation	
Vapor barrier, vent through roof	
Klip-Rib metal roof with flashing and trim	$286,870.00
Miscellaneous, Freight of material	
Incidental Cost for 8 weeks	$112,560.00
	$857,260.00

	General Contractor 10% Overhead 10% Profit, 3% Bond, 1% Tax		x 1.24 $1,063,002.40
Item #3	Repair water leaks inside Fire Station		
	Materials (Sheetrock, plywood, mud, tape & paint		$ 2,600.00
	Labor: 6 men x 2 Days		9,544.00
	Incidentals: 2 Days		4,690.00
	Subtotal Item #7		$16,834.00
	General Contractor 10% Overhead		1,683.00
	General Contractor 10% Profit		1,683.00
	3 % Bond, 1% City Tax		808.00
	Grand Total Item #3		$21,008.00
Total	#1	$	56,826.00
	#2		1,063,002.00
	#3		21,008.00
	Basic Bid Repair Cost	$	1,140,836.00

Alternate #1

Build 18" overhand extension on roof with structural support, and metal roof at the end of each roof line (not the side walls), 242 I.F Total

Materials (Metal Roofing, Structural Materials)	$14,440.00
Labor: 6 men x 1 Week	28,631.00
Incidental Costs: 1 Week	14,070.00
Subtotal	$57,141.00
General Contractor 10% Overhead	5,714.00
General Contractor 10% Profit	5,714.00
3% Bond, 1% City Tax	2,743.00
Grand Total Alternate #1	$73,312.00

Alternate #2

Provide new metal siding for the entire fire station.	$	178,868.00
Grand Total: #1, #2, #3, Alternate #1, #2	$	1,391,016.00

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BETHEL CITY COUNCIL'S

ANNUAL BUDGET

FOR FISCAL YEAR 2008

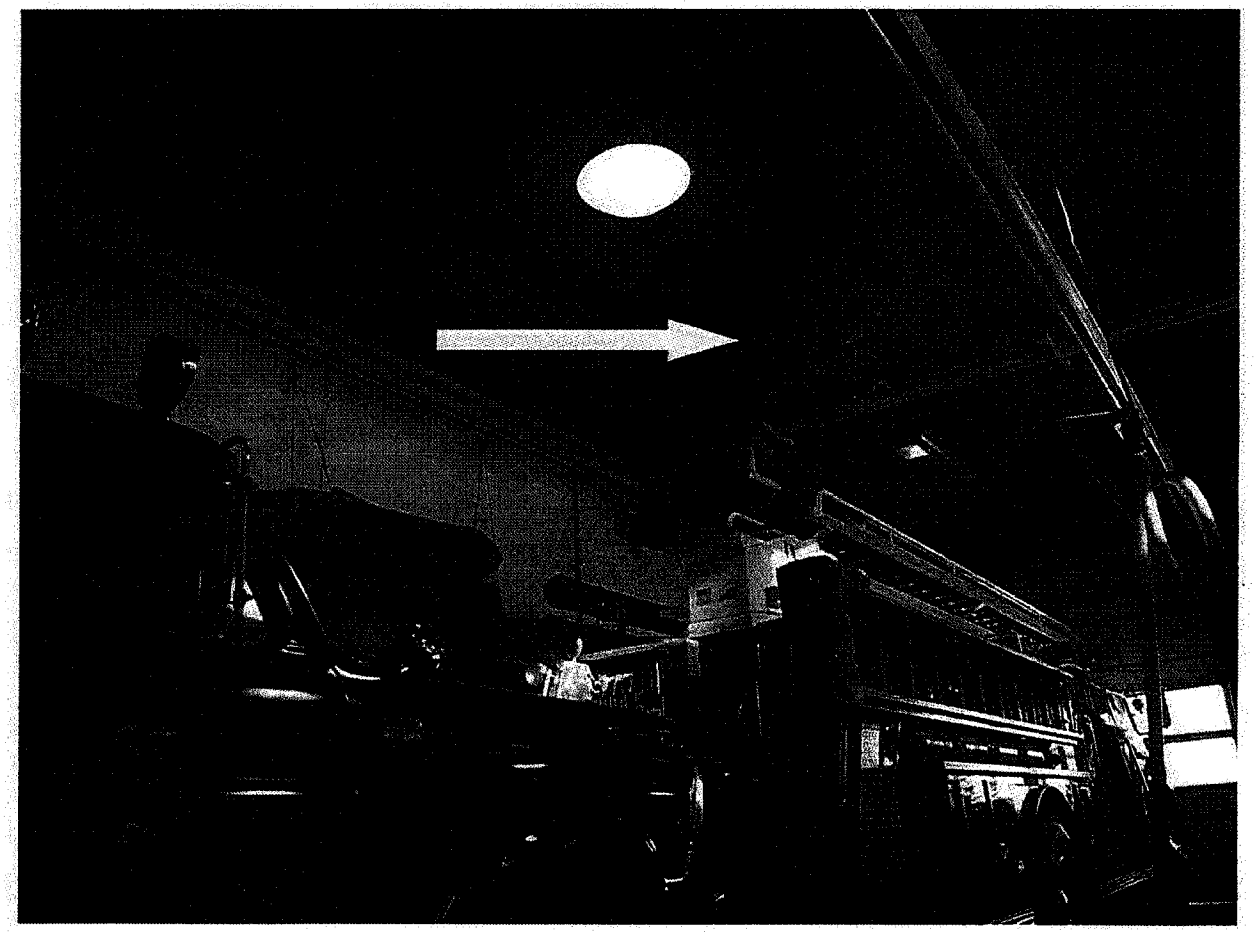
JULY 1, 2007 THROUGH JUNE 30, 2008

DRAFT

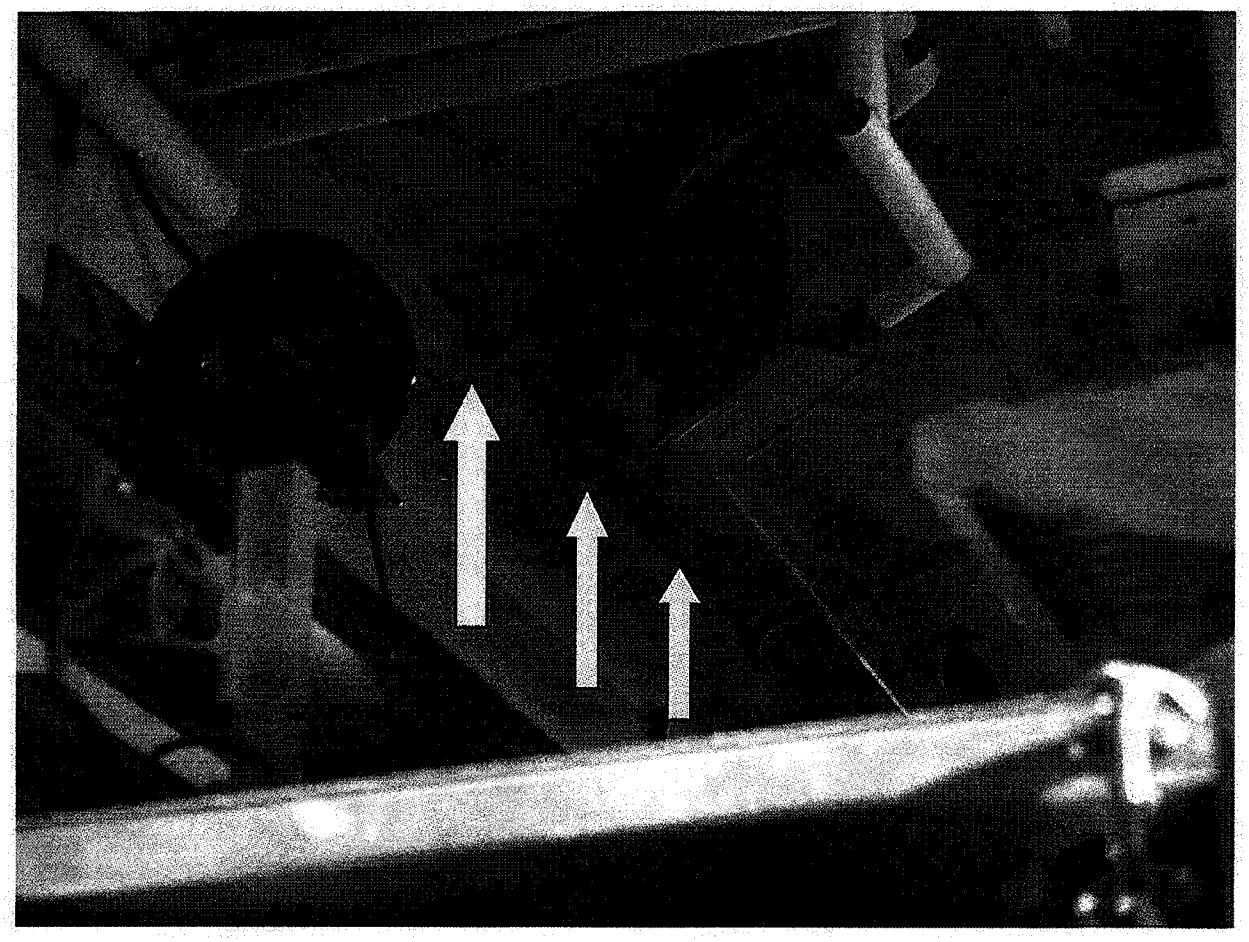
Adopted Budget 06/13/06

	FIRE DEPARTMENT (10-60)	FY 2003 Actuals	FY 2004 Actuals	FY 2005 Actuals	FY 2006 Actuals	FY 2007 Budget	FY 2007 Revised Budget	FY 2008 Budget
PERSONNEL:								
	Salaries, Benefits & Taxes minus EGHB	454,817	485,037	528,045	561,120	658,803	655,249	662,547
	Employee Group Health Benefits	54,365	41,328	48,048	61,774	55,440	55,440	49,560
	Revision to Personnel Budget	-	(12,348)	-	-	-	-	-
	Total Personnel	509,182	514,017	576,093	622,894	714,243	710,689	712,107
MATERIALS, SUPPLIES, & SERVICES								
545	Training/Travel	3,450	6,986	6,005	8,461	7,840	7,840	7,840
561	Supplies	18,515	23,485	24,459	21,878	23,955	23,955	23,750
563	Wearing Apparel	11,164	5,645	6,062	4,272	4,876	4,876	4,750
567	Fire Prevention Program	2,740	3,010	3,302	3,581	3,525	3,525	3,750
600	Tires & Wheels	5,273	4,316	706	1,108	750	750	2,200
601	Vehicle Maint (including parts & tools)	14,347	12,815	19,511	17,983	16,825	16,825	16,750
602	Gasoline	6,056	5,660	7,603	17,437	10,000	10,000	16,493
621	Electricity	16,737	18,369	21,135	20,339	24,896	24,496	18,091
622	Telephone	6,885	7,074	5,524	6,619	6,335	6,335	8,315
623	Heating Fuel	5,620	20,557	15,909	20,149	17,000	17,000	20,933
624	Waste Heat	2,318	11,315	-	259	450	450	40
626	Water/Sewer/Garbage	5,475	5,348	6,185	6,883	7,622	7,622	7,622
649	Volunteer Stipend	18,262	18,393	11,869	16,618	19,000	19,000	19,000
661	Vehicle Repairs	1,016	1,204	2,179	1,367	2,885	2,885	3,850
662	Property Maintenance	-	-	-	-	-	-	16,000
664	IT Services (Internal Service Fund)	399	1,256	-	2,312	-	-	8,872
665	City Safety	-	-	-	-	3,738	3,738	7,755
669	Other Purchased Services	13,466	11,764	14,806	25,609	18,070	18,070	19,500
670	Emerg Comm Sys Repair	2,400	-	-	-	-	-	-
683	Minor Equipment	12,247	10,625	6,407	21,890	8,988	8,988	10,000
685	Equipment	19,520	25,714	10,433	1,025	-	-	-
687	Fire Equipment-Grant Expense	8	-	-	-	-	-	-
689	VFA Grant Equipment Purchase	(4,774)	-	1	-	-	-	-
721	Insurance	20,966	32,860	26,255	28,248	31,073	31,073	36,570
722	Insurance-Ded Exp & Other	-	1,157	-	-	-	-	-
724	Dues/Subscriptions	961	1,145	1,253	1,739	1,600	1,600	1,950
727	Advertising	1,020	213	243	129	1,250	1,250	1,750
799	Miscellaneous Expense	472	60	356	293	500	500	750
	Total MS&S	184,543	228,971	190,203	228,200	211,178	210,778	256,531
	Total Operating Expenditures	693,725	742,988	766,296	851,094	925,421	921,467	968,638
DEBT PAYMENTS:								
	Total Debt Payments	-	-	-	-	-	-	-
PROJECT EXPENDITURES (10-60-77X)								
	Total Project Expenditures	-	-	-	-	-	-	-
CAPITAL EXPENDITURES (10-60-69X)								
691	Fire Station Roof Repair	-	-	-	-	150,000	150,000	
695	MSA MMR Breathing Apparatus	14,458	-	-	-	-	-	
	Total Capital Expenditures	14,458	-	-	-	150,000	150,000	-
	Total Operating, Debt, Proj. & Capital	708,183	742,988	766,296	851,094	1,075,421	1,071,467	968,638

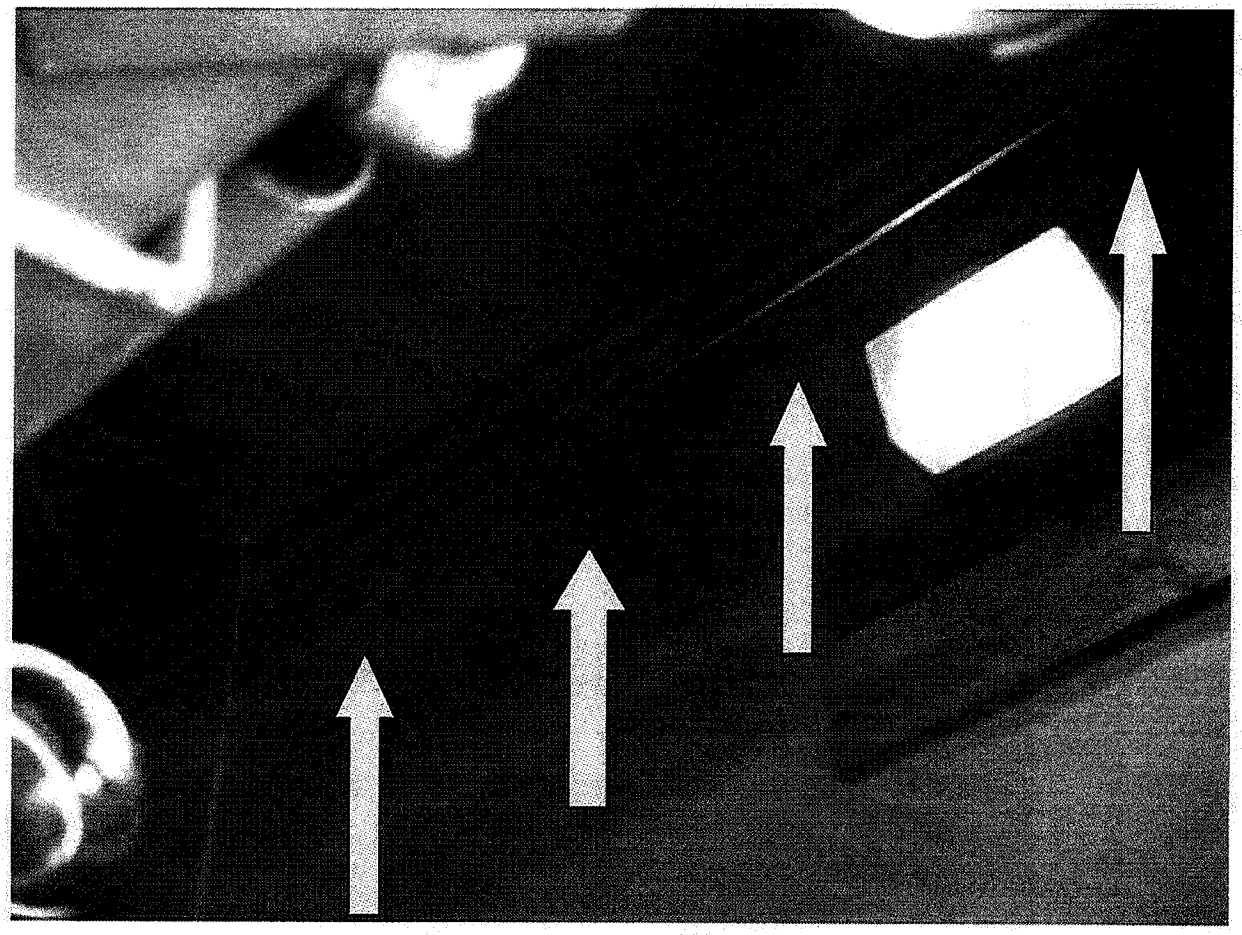
Garage water damage.
Ceiling stained from roof leakage.



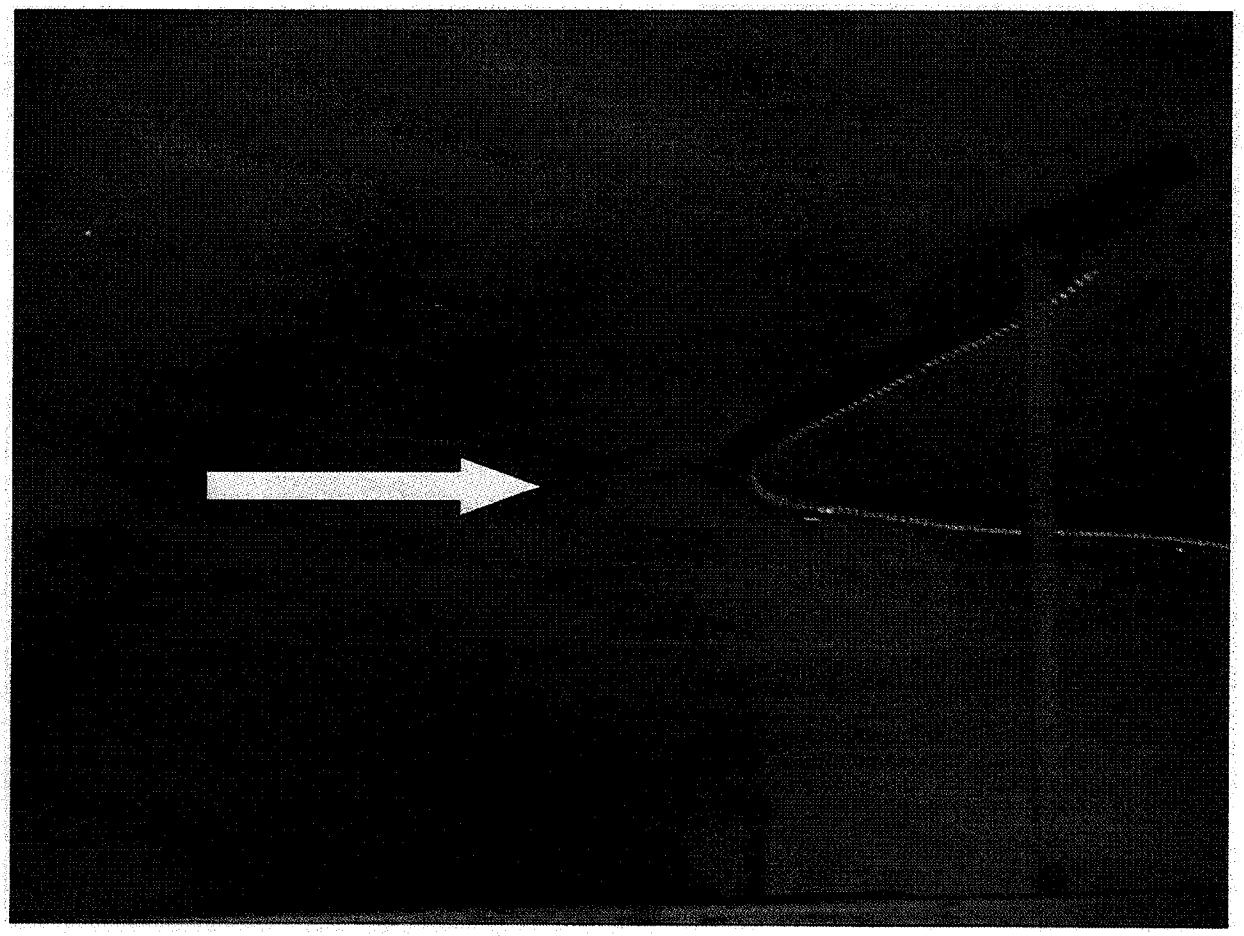
Closer view of the garage area showing structural truss breakage through the sheetrock.



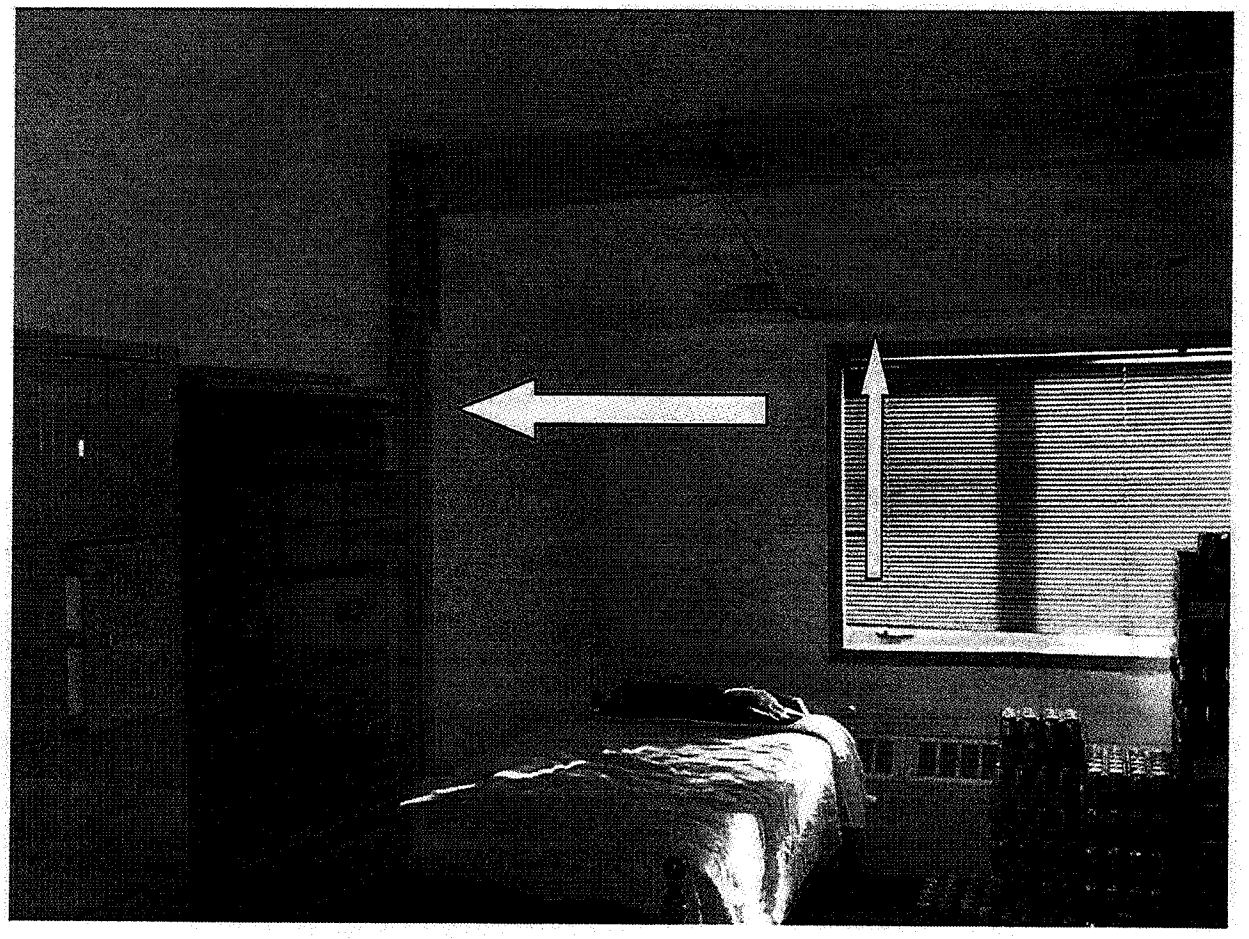
Different view of garage area structural failure.



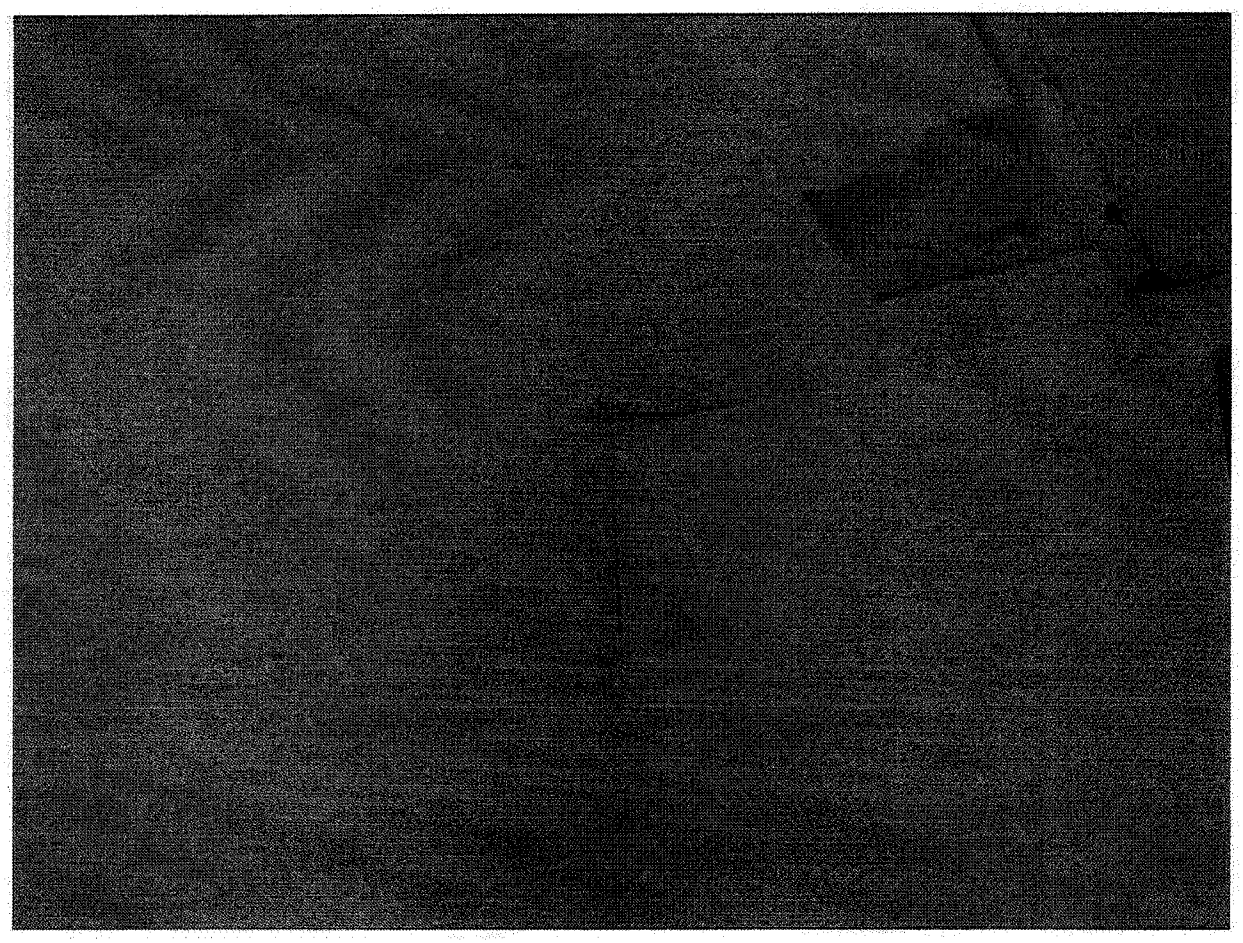
View of structural truss failure.



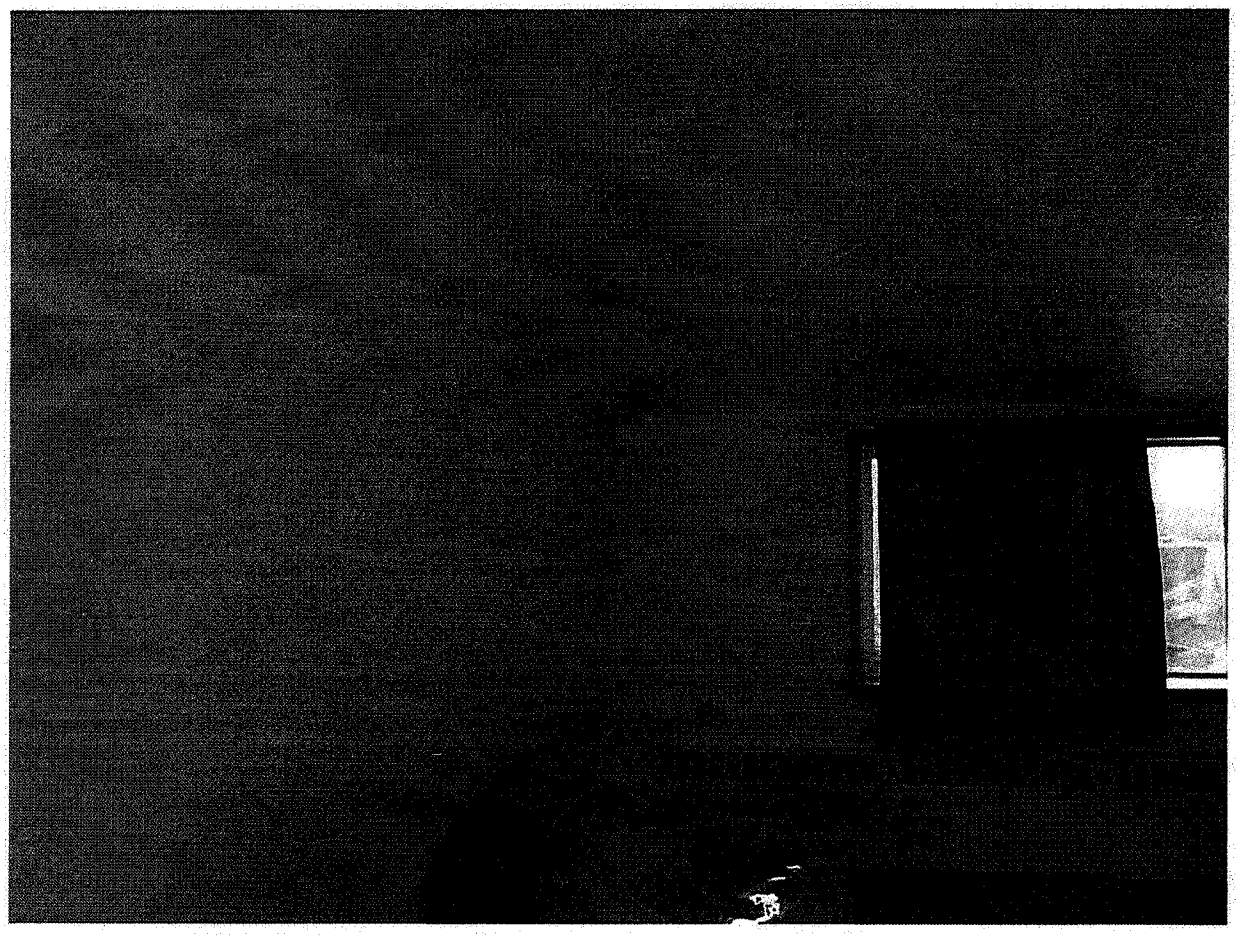
Department bunkroom. Note the bracing on wall to prevent roof collapse and the temporary repair of the sheetrock.



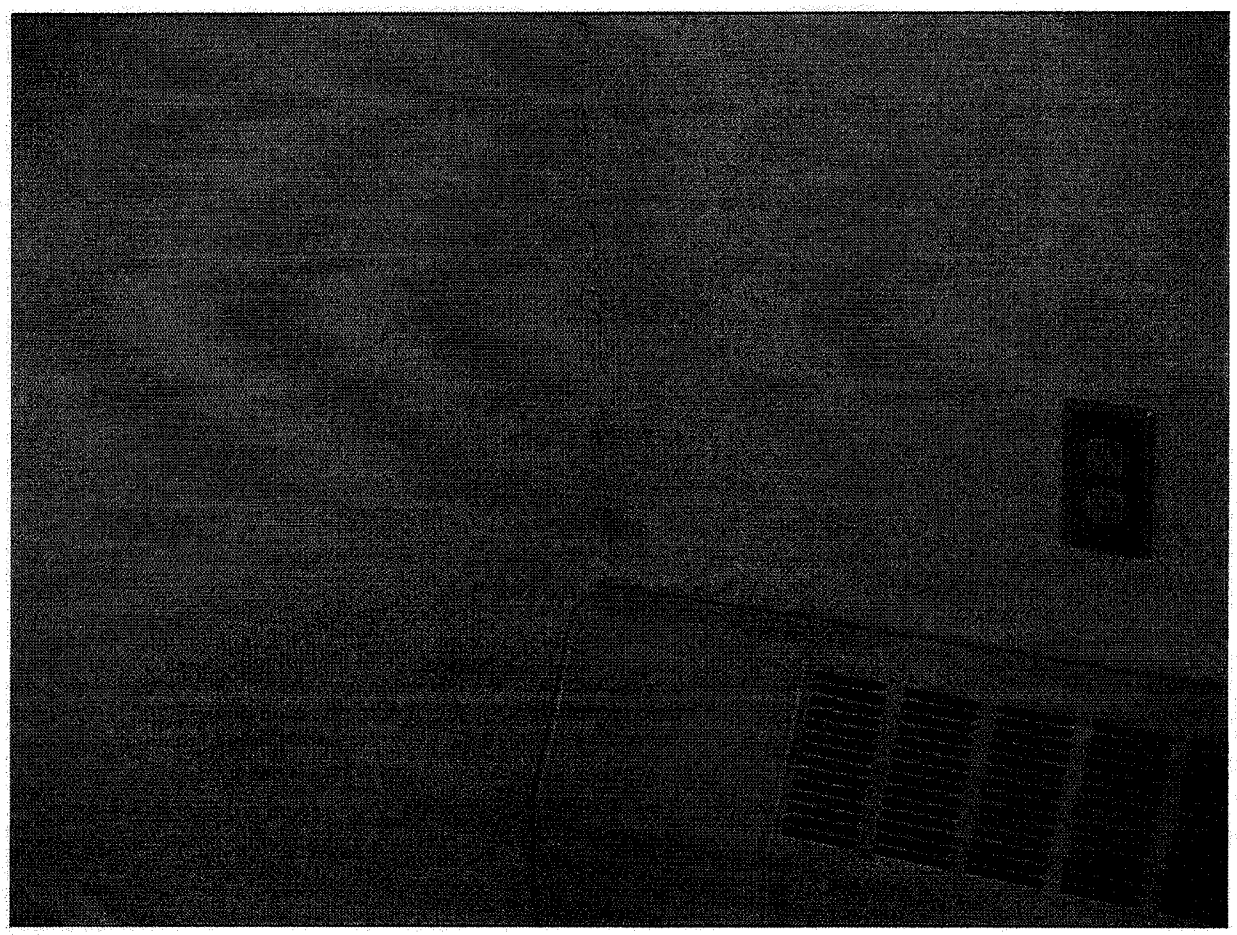
Close up of bunkroom ceiling corner area Leakage has continued in this area for over 10 years.



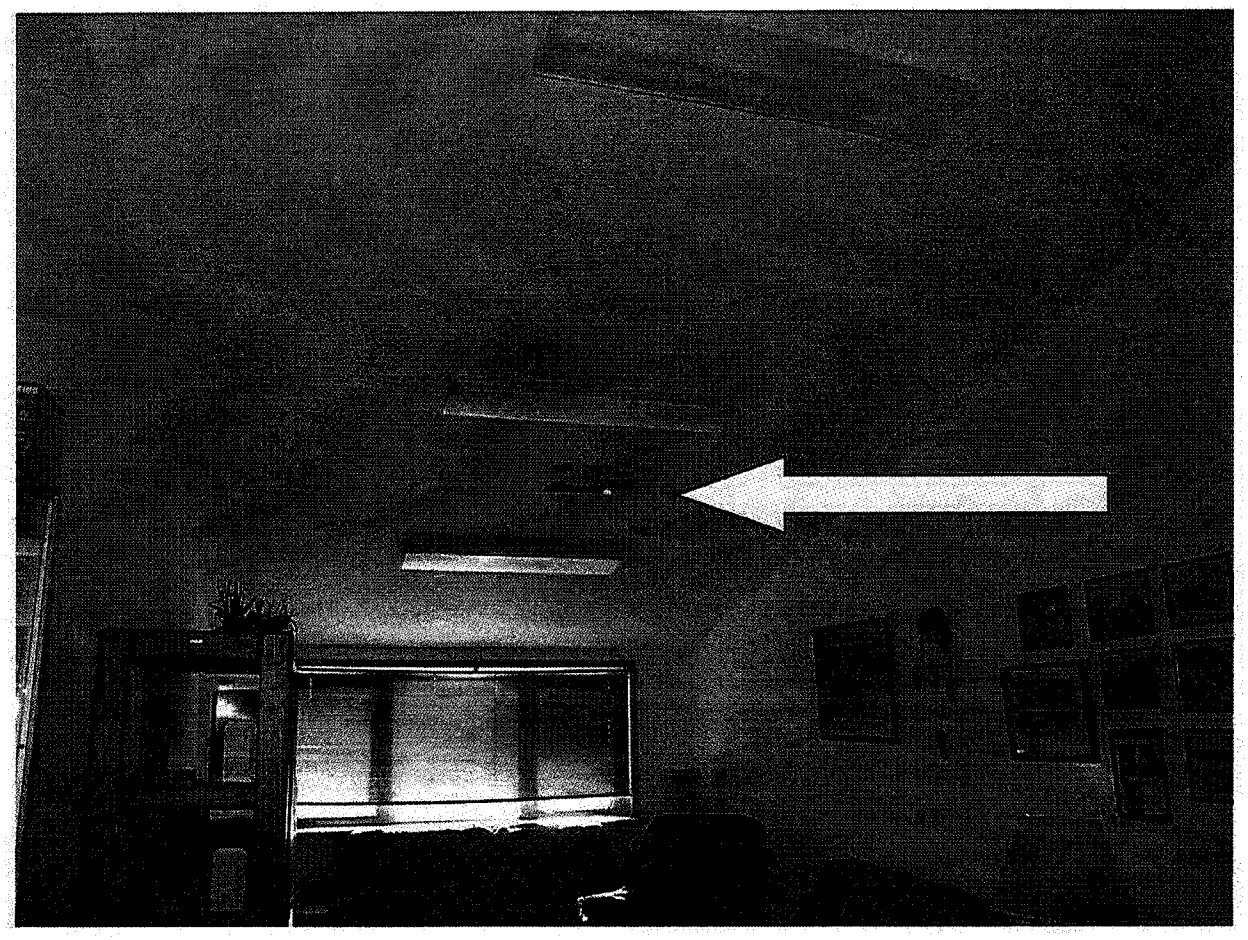
Fire station apartment water damage.



Fire station apartment closer view.
Water leaks into this corner area.



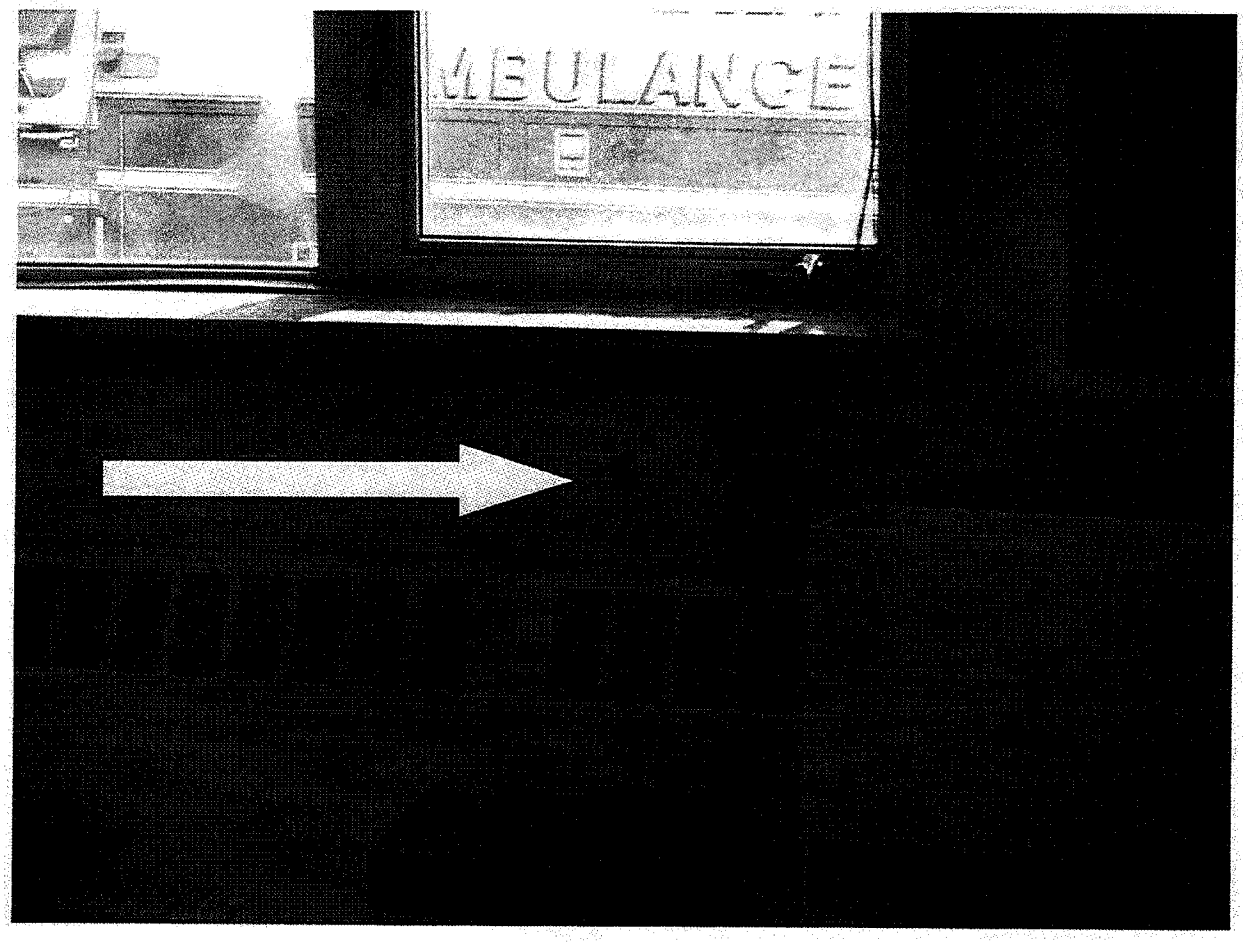
Fire station day room ceiling tile failure.



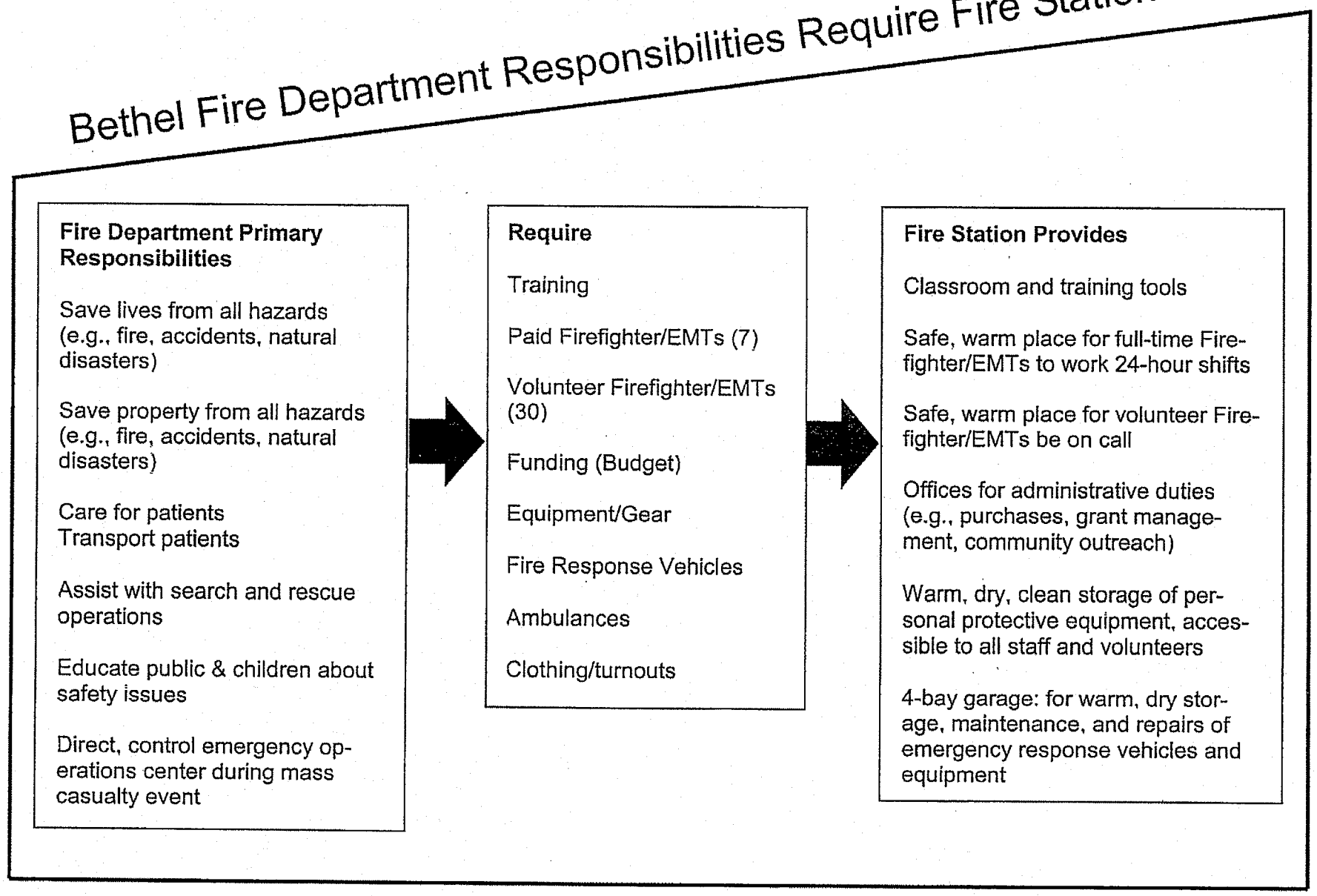
Closer view of water damage near the smoke detector in the day room. Water leaking from the roof set off the alarm previous to emergency repairs being completed.

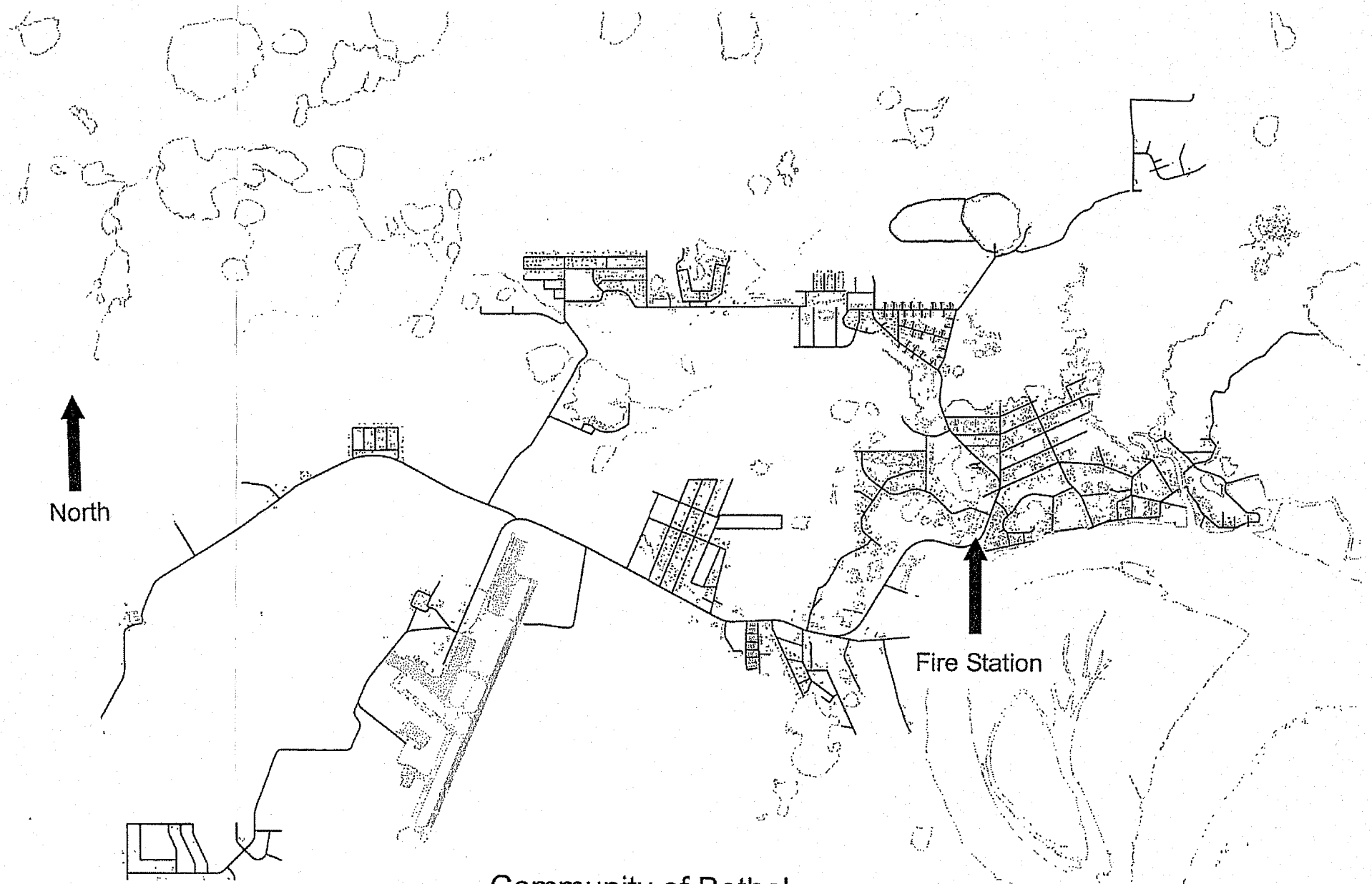
Classroom water damage created this hole in the wall from roof leakage.

Close up of classroom damage. This Hole appeared after a rain storm.

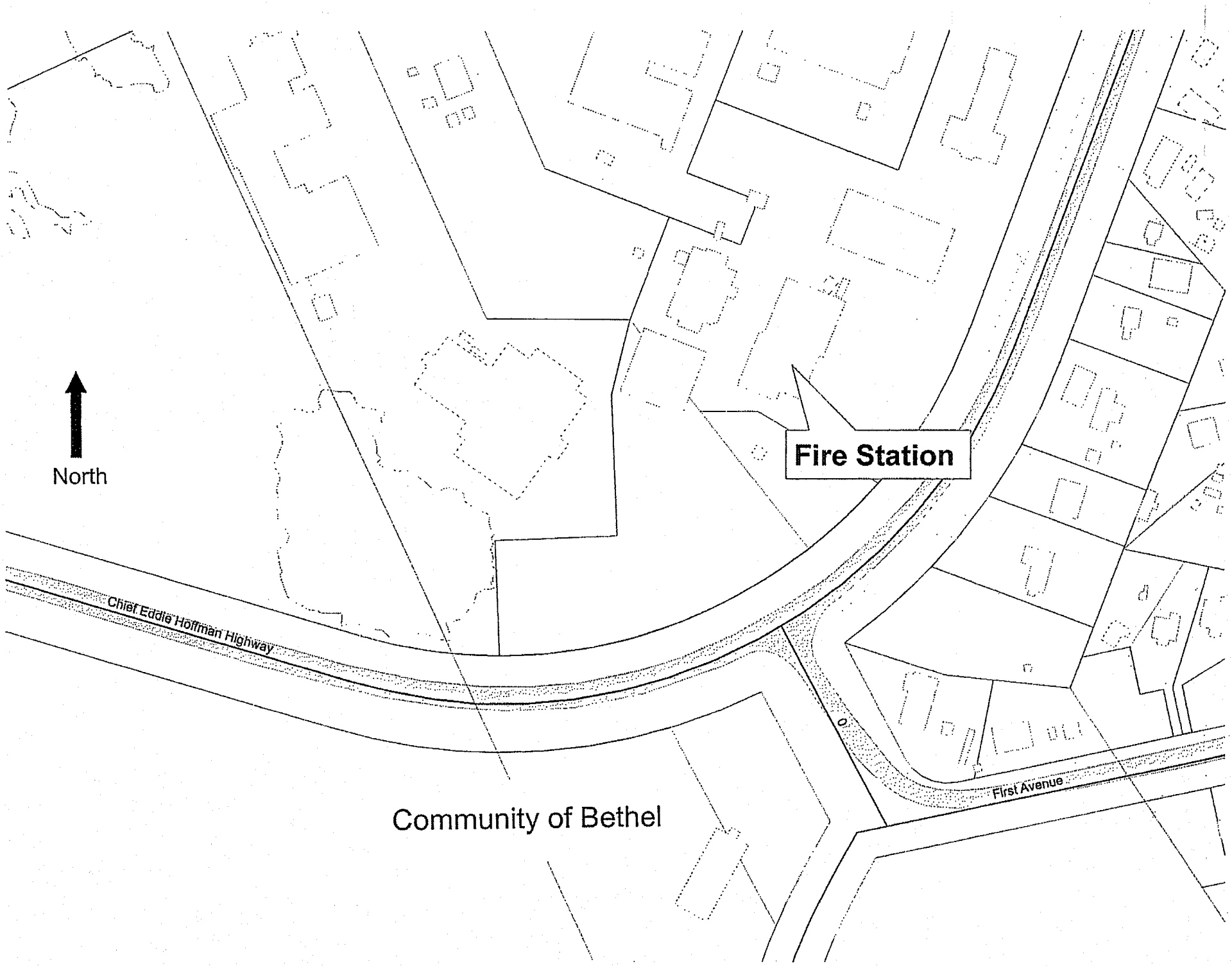


Bethel Fire Department Responsibilities Require Fire Station





Community of Bethel
Primary Area Served by Bethel Fire Station
(44 square miles, population 5,812)


North
Fire Station
Chief Eddie Hoffman Highway
First Avenue
Community of Bethel

Bratslavsky CONSULTING ENGINEERS, INC.

August 22, 2006

Project No. 625.06

City of Bethel
PO Box 1388
Bethel, AK 99599

Attn: Wally Baird, City Manager
Tel. 907-543-2047

Re: Bethel Fire Station Roof Condition Inspection

Dear Mr. Baird,

I inspected the Fire Station on August 18, 2006, on behalf of Bratslavsky Consulting Engineers, Inc. (BCE) along with Andrei Bukareff, representing Little Susitna Construction Company.

The weather was cloudy with drizzling rain as I arrived on site. Little Sustina Company personnel removed several sheets of metal roofing on the east side of the building (above the sleeping rooms)

Felt saturated with tar underlain the metal roofing was exposed, and was noted to be wet with signs of regular exposure to water. The contractor removed the felt in several areas and exposed plywood. Two 18" x 18" sections of plywood were removed to verify the condition of roof trusses. The plywood was wet throughout with significant delamination and damage. Sprayed foam insulation was applied to the bottom of the plywood sheathing, and also was fairly wet. The insulation thickness varied from 9 to 14 inches. Of particular concern was water damage noted at top chord of the roof trusses, which were encapsulated in insulation foam. (Wood trusses were measured to be 28" high and are spaced at 16" on centers.)

Later we met with Captain Bill Howell, who allowed us inside the building. It appears that the water was leaking for a long time. The insulation foam held the moisture in close proximity to the roof trusses, which caused the top chords and truss web member in some areas to completely rot through. The roof trusses have been compromised and damaged according to our evaluation. The employees have propped them up with some temporary 2 x members that are likely not strong enough. The ceiling was only removed above the sleeping quarters, but there is a reason to suspect that this may be the situation throughout the building.

While the goal of my inspection was to get familiar with the roof problems and come up with good (architectural) details for re-roofing, the situation I observed at the Bethel Fire Station building was an emergency situation. Because the building has sleeping rooms for the firemen, and is an emergency response building, it is especially critical that this building is at the point of a catastrophic collapse. Snow and/or high winds could actually cause this collapse.

It is imperative the Fire Station must undergo major repairs before it can be considered a useable building.

Please don't hesitate to contact me with any question or comments.

Sincerely,

Tanya Bratslavsky

Tanya Bratslavsky, P.E.
President

500 W. 27th Ave., Suite A
Anchorage, AK 99503
mail@bce-ak.com
tel (907) 272-5264
fax (907) 272-5214

FILE COPY

BCE Bratslavsky CONSULTING ENGINEERS, INC.

November 3, 2006

Dominic Lee
Little Susitna Company
800 West 8th Ave, Suite
Anchorage, Alaska 99501

RE: Bethel Fire Station Roof Replacement and Structural Analysis and Repairs

Dear Mr. Lee,

Bratslavsky Consulting Engineers, Inc. (BCE, Inc.) has visited the Bethel Fire Station in the summer of 2006. An earlier correspondence from BCE, Inc. dated August 22, 2006, addressed to Bethel City Manager described the condition of the building and problems observed.

Written per your request, this letter describes this Engineer's opinion regarding the options available for repair of the Bethel Fire Station.

1. Building Roof Replacement Project:

In order to perform work on the roof replacement, the water damaged roof sheathing has to be replaced and the roof trusses must be repaired (or replaced) as they have significant amount of rot.

It was suggested to repair the existing trusses. BCE has looked into truss repair requirements. On the other hand, upon further investigation, we have the following concerns:

A. No information is available on the manufacturer of the existing roof trusses. While the drawings show TJL trusses, observed in the field were manufactured wood trusses with 2x4 chord and web members.
B. BCE, Inc. contacted Spenard Builders Supply (SBS) truss manufacturing shop to see if they were the manufacturer of the trusses. SBS could not find any record of having manufactured the trusses.
C. The Bethel Fire Station building is 26 years old. Neither the manufacturer nor the exact condition of the trusses is known. Based on the inspection conducted by BCE, many of the top chords and web members of the trusses are damaged and required significant repairs or replacement.
D. SBS told us that they would not be involved in the truss repair due to liability issues and lack of actual design information for the trusses. They told us that

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whenever the manufacturer wants to splice trusses, they have a very careful procedure for doing that. Truss fabrication is done in the shop under very careful supervision and inspection. These conditions are not going to be available at the job site.

E. Based on these issues, repair of damaged trusses in the filed is likely going to be more expensive, and quality control will be more difficult.
F. Additionally each truss may be damaged to a different degree since this building has been leaking in different areas differently for many years. Each repair may require different detailing and different length of materials for repair.
G. Once the roof is open, the foam insulation should be removed (cut around each truss). Only then the truss can be inspected for damage, and the required materials necessary for repair can be estimated and ordered. All of this will take time. The repairs themselves will take a long time. In the mean time, the roof is going to remain uncovered, and will be hard to keep protected form wind and elements.
H. The new roof trusses would also need to have an overhang to allow for proper roof ventilation.

Considering all of the above issues, it is our opinion that the replacement of the existing trusses with new trusses manufactured and shipped to the site will be more economical. Additionally, the manufacturer will warranty the new materials, while the old trusses will have no warranty, and must be inspected by hired inspectors from out of town. This process will take less of time for the Contractor, and most likely will be less expensive for the City of Bethel.

The work will take less time and the building can be easier protected from the elements.

2. Siding Replacement:

Before the siding can be replaced, it is recommended to check the building walls and top plates that likely also have water damage. The wall studs must be examined. The top plates likely need to be replaced before the new trusses can be placed on top of them.
In order to do this, we recommend removing interior GWB sheathing and foam insulation and inspecting one part of the wall area at a time. This work can be accomplished during the winter.
Later on the contractor can start replacing the studs, removing all the water-damaged wood, treating the remaining wood with preservative solution, and installing new studs. The top plate and exterior sheathing may need to be replaced as well if water damage is noted before the new siding can be installed.

All new roof and wall insulation should be included in the contractor's proposal.
In order to assure the longevity of the repaired building, proper ventilation must be provided for. The new roof trusses should have a standard overhang in order to allow for adequate ventilation. Several options of ventilation details have been reviewed by BCE and will be discussed with Little Susitna Construction Company and the City of Bethel to assure the preferred and most cost efficient solution.

Please do not hesitate to contact me with any questions or comments at my office phone number (907) 272-5264.

Sincerely,

Tanya Bratslavsky, P.E.
President

Bratslavsky CONSULTING ENGINEERS, INC.

RESUME

Tanya Bratslavsky, P.E.
Principal Engineer

Education

- B.S. Engineering, Leningrad Technical University, USSR, 1976
- B.S. Civil/Structural Engineering, Portland State University, Oregon, 1978
- PSU, Oregon, 1980-1982
- Graduate courses in Computer Application in Structural Engineering, Masonry and Steel Design
- University of Alaska, Alaska, 1983-1990
- Graduate courses in Arctic Engineering, Frozen Grounds Engineering, Project Management

Registration

Registered Professional Engineer in Alaska (CE5970)-1983, Washington-1986, Alabama (27501) - 2005, and Oregon (11683)-1982

Training /Licensing

- Alaska Regional Seminal on Seismic Engineering Issues, November 1997
- Municipality of Anchorage Post-Earthquake Evaluation of Buildings and ATC-21, Rapid Visual Screening of Buildings of Seismic Hazards
- AISC/AWS Seminar "Welding Issues in Seismic Applications"
- Seismic and Wind Forces on Buildings
- Uniform Building Code Updates and Shear Wall Design for Seismic Zones 3 & 4
- Wells & Bridges: Construction Contract Administration: Disputes Avoidance
- International Conference of Building Officials, Uniform Building Code Structural Update, 1997

Reports & Publications

- Tanya Bratslavsky, P.E., Dr. He Liu, "*Finite Element Analysis of Pounding Effects Between Structures due to Ground Shaking*", Proceeding of the Seventieth Shock and Vibration Symposium.
- *Anchorage International Airport – Seismic/Structural Evaluation of South Terminal* – Report prepared for Alaska Department of Transportation and Public Facilities.

Experience

Ms. Tanya Bratslavsky, P.E. is the President of Bratslavsky Consulting Engineers, Inc. and is the contract manager for BCE contracts. As a registered civil/structural engineer, she has performed design, project management, construction management, value engineering, and inspections on over 700 engineering projects in Alaska and the Pacific Northwest. She is experienced with renovation and remodeling projects, as well as new design and construction, and is well-versed in the latest codes and regulations. For over 24 years, she has applied her expertise in arctic design, permafrost, seismic design, and snow, wind, and avalanche control on many projects requiring complex designs or solutions. She is experienced with renovation and remodeling projects, as well as new design and construction, and is well-versed in the latest IBC, FEMA, AASHTO, AISC, ACI, and other codes and regulations.

Ms. Bratslavsky is an active member of many professional organizations. She serves on the Municipality of Anchorage (MOA) Building Committee, which reviewed national codes issuing local amendments and is an active member of the MOA Public Facilities Advisory Commission.

For project management and design services performed on various engineering projects, she received certificates of appreciation and awards from the Anchorage School District, Municipality of Anchorage, and other clients, and was selected as Engineer of the Year by the Alaska Section of the American Society of Civil Engineers.

Relevant Projects

- **Bassett Army Replacement Hospital,** Ft. Wainwright, Alaska *(Army Corps of Engineers)* - BCE, Inc., in support of Fred Cooper Consulting Engineers, Inc. (FCCE), provided construction management services for the Bassett Army Hospital construction project located at Fort Wainwright. The team provided construction support professional services to the Army Corps of Engineers, Fairbanks District. This new facility is a 269,000 sq. ft. replacement hospital designed for the sub-arctic climate of Fairbanks. Total cost of construction for this project was $215 million. *Year: 2003*

- **Eielson AFB Utilidor Repair, Phase III,** Fairbanks, Alaska *(Army Corps of Engineers)* - This project involved the repair and upgrade of existing utilities in the utilidors serving Eielson AFB, Alaska for the U.S. Army Corps of Engineers. MWH Americas, Inc. is the prime contractor for this design-build contract. The utilidors are below ground and vary in size and configuration, and house several utility systems, including water, sewer, steam heat, and communications. BCE provided design for pipe supports, thrust restraints, anchors, and seismic restraints, lid replacements for use as required during construction, and manhole and hydrant vault improvements, as well as design documents, codes, and calculations. *Year: 2003*

- **South Tongass Fish Passage Improvements,** Prince of Wales, Alaska (USFS) Ms. Bratslavsky is provided management for a contract for the USDA Forest Service, Tongass National Forest to provide survey and culvert and bridge design for 25 fish passage hydro-sites on the Prince of Wales Island in Southeastern Alaska. The field work involved surveying, setting benchmarks, collecting topographic data, contour map development, field reconnaissance, discharge measurements, and minor geotechnical investigation. For the design phase, BCE provided site reconnaissance, geologic, hydrologic, and hydraulic analyses, along with estimation of earthwork quantities, production of site & contract drawings and design details, and application for T16 Concurrence from the Alaska Department of Fish & Game. BCE also developed a construction contract package, which included Forest Service standard and special project specifications, as well as cost estimates for construction. *Year: 2003*

- **Anchorage Loop Water Transmission Main, Phases I and V,** Anchorage, AK (MOA) – Ms. Bratslavsky performed seismic and structural design to resist seismically induced froces, soil pressure, and heavy road traffic on an underground water main and utility vaults that were part of an extension project for the 48-inch pipeline connecting the Eklutna Water Reservoir to Anchorage. *Year:1997-2001*

- **Fort Richardson Fish Hatchery Upgrades,** Anchorage, AK (AK Dept of Fish and Game) – Ms. Bratslavsky provided complete structural design, as well as construction administration

services for a $6.1 million addition to the existing facility. Project included underground structures, as well as several new buildings. *Year: 1998*

- **Anchorage International Airport Seismic/Structural Evaluation and Analysis,** Anchorage, AK (ADOT/AIA) – Seismic evaluation and analysis of all existing buildings (except Concourse C) was performed by BCE, Inc. as part of the proposed Airport Expansion Project, utilizing the dynamic seismic (FEA) analysis. The analysis was performed utilizing the Uniform Building Code (UBC), FEMA Guidelines and Manuals for Evaluation, Upgrade and Retrofit of Existing Buildings, Uniform Building Conservation Code, and Code for Abatement of Hazardous Structures. Three-dimensional finite element analysis modeling of the buildings and dynamic method of seismic analysis were also performed. This evaluation included the analysis of deformations and potential for pounding of the structures during a major earthquake. Problem areas were identified and recommendations for upgrades as well as the cost estimates were provided for the client. *Year: 1997*

- **Anchorage International Airport Roof Upgrades,** Anchorage, AK (ADOT/AIA) – Over 100,000 square feet of roof area and more than 200,000 square feet of floor space of the existing domestic passenger terminal were analyzed for seismic, wind, and snow loads in support of a multi-phase roof system upgrade. Systems constructed or modified from 1967 to 1990, in at least seven separate phases or projects, were analyzed and investigated for new code requirements related to drifting snow and seismic loads. In one case, structural reinforcement was designed to allow construction work to proceed above the roof without demolition interrupting airport operations below the roof. *Year: 1998*

- **Anchorage International Airport CFR Boathouse** – This project called for the replacement of a boathouse located adjacent to Lake Hood Float Plane Ramp. This building houses rescue and environmental pollution control boats for the Anchorage International Airport. It consists of a steel frame with concrete floors and metal siding. The boathouse was constructed on piles and involved dredging and soil remediation work. The project included construction documents, cost estimates, necessary UBC special inspections, review of construction administration to follow all applicable industry standards and procedures and all governing agencies' codes and regulations (including FAA). BCE, Inc. was the Prime Contractor on this project, providing structural and civil design, as well as project management. *Year: 1998*

- **Elmendorf Air Force Base Power Plant Upgrade,** Anchorage, AK (COE) - New heat exchange devices, combustion air systems, and materials handlings systems were proposed for installation in the existing power plant. BCE, Inc. assessed the capacity of the existing structure to determine if reinforcement was necessary. Extensive structural support systems were designed to allow installation of the proposed equipment. *Year: 1995*

- **Elmendorf AFB Hospital Electrical System Supports,** Anchorage, Alaska (COE) Supports were designed to support electrical systems at the new hospital. The hospital is classified as an essential building according to DOD procedures. Structural engineering services on this project were provided for the general contractor, who was required to provide design of the equipment supports and seismic bracing. Also, some modifications to the original building design were required to improve its constructability. Exceedingly stringent requirements and the facility's essential building status made the design especially critical and challenging. *Year: 1999*

- **Fort Richardson Fish Hatchery,** Anchorage, AK (AK Dept of Fish and Game) – This project involved the design of a new dechlorination facility and a new water treatment building with cold and hot water supply lines. In addition, an approximately 20-foot high

concrete tower with ozonation and U/V systems were designed and installed. The existing hatchery remained in operation during the entire project. *Year: 1998*

- **Federal Aviation Administration Term Contract** - This contract involved structural analysis inspections and report preparation for various FAA facilities around the state of Alaska, including the Air Traffic Control and Communication Towers, which were analyzed for the Federal Aviation Administration Alaska. Tower construction, as well as safety of operation in accordance with OSHA requirements for these facilities was addressed in the analysis and reports. Over 30 towers were analyzed. *Year: 2001*

- **Anchorage ASR Building and Point Woronzof RTR Tower Sites,** Anchorage, AK (FAA) - Provided structural engineering services to upgrade portions of these facilities to FAA and OSHA standards. The project included access to the roof of the ASR building, as well as access and working surface for servicing the radio communication antennae, also located on the roof. The Point Woronzof RTR tower and working surfaces were also modified and upgraded to OSHA standards. *Year: 2001*

- **US Postal Service ID/IQ Contract,** Various locations, AK – BCE, Inc. provided design and construction management services for various post offices around the state of Alaska. The new design made provisions for a drainage system that collected water at the loading dock and carried it to a new dry well. A new, well-insulated septic tank and service line were designed and installed. *Year: 1998-1999*

- **Riverbend Affordable Housing,** Juneau, AK (AHFC) - This project consisted of 45 units in 10 buildings on an approximately 10-acre site along the Mendenhall River, and a new site design. Finish grades were set to facilitate treatment of runoff from the site and to avoid water collection in the crawl spaces (due to seasonal high water table). The 1999 Best Design Practices award was received from HUD for this project. *Year: 1998*

- **DOT Vehicle Maintenance and Storage Facility,** Homer, AK (DOT) - This Vehicle Maintenance and Storage Facility in Homer, Alaska for the ADOT/PF was designed by BCE, Inc. It involves a prefabricated steel building on a concrete foundation with an office mezzanine. Utility connections, new road, and fire protection system were also designed. BCE, Inc. provided complete design and construction administration services for this building. *Year: 1996*

- **Mirror Lake Middle School,** Chugiak, AK– Project design included utilities to the new school and site, storm water pollution prevention measures in accordance with EPA and ADEC regulations. BCE, Inc. also designed a new road, and public access and maintenance drives, parking lots, football and soccer fields with a special irrigation system, bleachers, and a hockey rink. A sub drain system helped in dealing with glacial soils and poor site drainage. *Year: 1998*

- **Alpenglow Elementary School,** Eagle River, AK – BCE, Inc. provided the complete civil/site design for this new elementary school. The design included connection to the municipal utility system and compliance with ADA accessibility act. The school is situated on 15 acres of land, occupying over 60,000 square feet. *Year: 1995*

- **Elmendorf AFB Demolition and Debris Removal Projects,** Elmendorf ARB, AK (COE) – BCE, Inc. provided site remediation, structural assessment, and demolition of multiple buildings for 23 facilities, under the Total Environmental Restoration Contract with the US Army Corps of Engineers. The main goal of the project was to verify that safety of access could be assured for the contractors performing hazardous materials abatement and

demolition. Project included site recommendations on the demolition and relocation of buildings to another site on the base. *Year: 1991*

- **Anchorage Police Department Training Facility**, Anchorage, AK (MOA) – Structural design for the remodel of the 31,540 SF training facility. Design services included evaluation of structural capacity of existing building, design modifications, removal of existing columns, structural modifications to reinforce roof structure and foundations for added loads. Received a Certificate of Appreciation award for engineering services from the Municipality of Anchorage. *Year: 1995*

- **Ft. Wainwright Historical Building Stabilization,** Ft. Wainwright AFB, AK (AK Dept. of Natural Resources) - BCE, Inc. provided a structural assessment report and as-built drawings for the North Post Chapel built in 1939. Significant structural problems were addressed in the report, as well as recommendations to stabilize and save the historical building. *Year: 2001*

- **Girdwood Fire Station Improvements and Addition**, Girdwood, AK (MOA) – Complete structural and civil design of upgrades to the fire station and EMS addition, which included vehicle storage facilities, auxiliary offices, and design of utilities and storm water management and treatment. *Year: 1998*

- **Whittier Gymnasium Reinforcement Study**, Whittier, AK (Private Client) - The military constructed a gymnasium in Whittier in the late 1940's or early 1950's. It consisted of a main level with concrete columns supporting the wood floor framing above. The roof collapsed due to snow load in the 1980's, damaging the flooring and supporting piers. BCE, Inc. analyzed the building for seismic resistance with the modified wall configuration, and designed reinforcement for the floor framing system and new wall openings. BCE, Inc. also evaluated the building for storage of heavy equipment and large boats, as well as the feasibility of cutting new door openings in the concrete walls. *Year: 1996*

- **Barrow Transit Center**, Barrow, AK (NSB) - This project was a 12,000 square foot wood-frame addition to the original building, designed to house offices and storage for ten 40-foot transit buses. The foundation was a shallow insulated monolithic slab and footing with thermotubes underneath at a shallow angle. The system was designed to avoid disturbing some shallow saltwater intrusions in the permafrost. Extensive catwalks were also designed to permit access to mechanical equipment and allow washing of the buses. *Year: 1996*

- **Lake Otis Heights Water Main,** Anchorage, AK (Private Client) *Year: 2001*

- **North Slope Borough Water and Wastewater Treatment Plant Upgrades,** Deadhorse, AK (NSB) – In addition to having some operational concerns due to changes in the requirements, the Utility Plant for the NSB Service Area 10 was experiencing severe foundation problems and settlements. The refrigeration system for the foundation was failing. Alternative support of the existing structure was required to assure continuous operation of the facility and safety of the personnel. The condition of the soil underneath the structure was verified, and another system was utilized to support the structures. Value engineering, comparative cost analysis, as well as recommendations for further improvements of the structure and code compliance were provided. *Year: 2001.*

911 - Emergency

Bethel Fire Department

George S. Young, Fire Chief
P.O. Box 388, Bethel, Alaska 99559
Phone: (907) 543-2131
Fax: (907) 543-2702

June 20, 2007

Deborah M. Lalancette
U.S. Department of Housing and Urban Development
Alaska Office of Native American Programs
3000 C Street, Suite 401
Anchorage, AK 99503

Dear Ms. Lalancette:

I am aware that the City and Tribe (Orutsaramiut Native Council) are collaborating to prepare and submit an FY 2007 Indian Community Development Block Grant as a way to secure funding to repair the most necessary half of the fire station roof. As my letter from last year testifies, repair of the fire station roof remains my NUMBER ONE PRIORITY. I want my paid staff and volunteer firefighters/EMTs to be able to work, live, and sleep in a fire station that is structurally sound and secure. I do not want the roof to cave in and injure, or kill anyone or for any of our firetrucks, ambulances, and other life-saving equipment to be damaged.

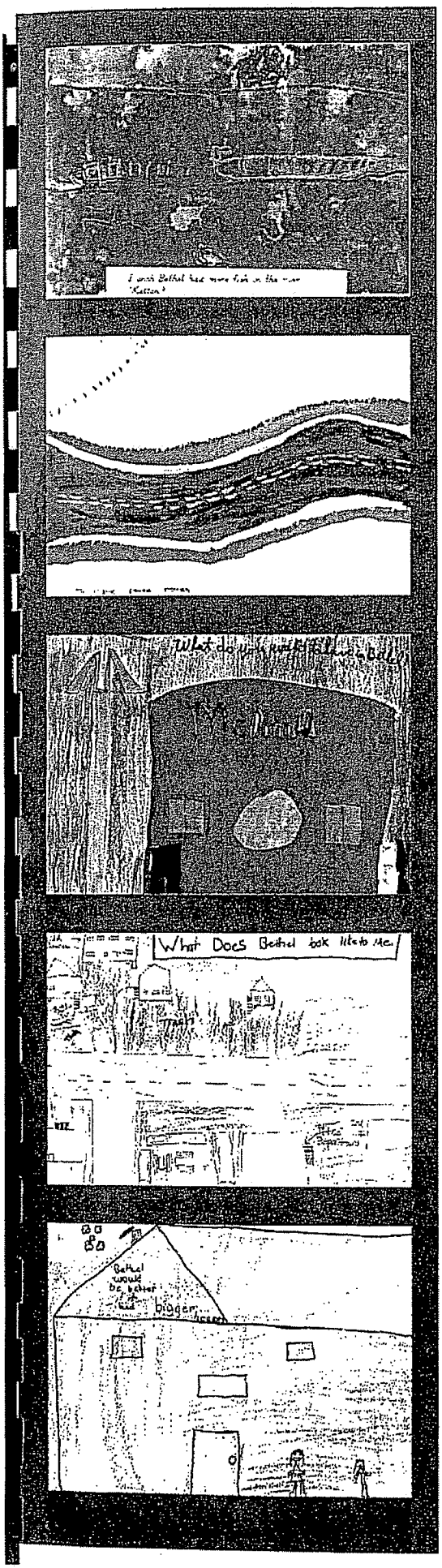
Please accept this letter as my commitment to the Bethel Fire Station Repair Project and my willingness to engage myself, my staff, and employ other resources I deem essential to insure the Fire Station Roof Repair Project is completed in a professional manner, consistent with standards of excellence. To that end, I hereby commit $2,500 from the FY 2008 Fire Department's Property Maintenance budget as cash match toward this project. The $2,500, coupled with $129,626 from the City's FY 2007 budget, represents 18% ($132,626) of the total project cost ($732,126). Hopefully, this amount of the City's non-ICDBG leveraged resources will allow ONC to earn six points in its grant application – in the Leveraging Resources category.

As Chief of the Bethel Fire Department with over 28 years of experience as a full-time firefighter/EMT in Bethel, I have seen a lot of changes in the types and frequency of services we provide. In 2006, the Bethel Fire Department responded to 850 ambulance/EMS calls and 130 fire calls. There were 50 structure fires last year, an average of one per week. The frequency of responses has increased as the population in Bethel and surrounding villages has increased.

In many ways, the Bethel Fire Department serves Native Alaskans and Native Americans to a greater extent than other segments of the population in the community. Native Alaskans represent approximately 90% (765) of Bethel ambulance/EMS responses, and 25% (191) of those calls were to transport Natives to the hospital that came into Bethel by airplane from outlying villages.

Sincerely,

George Young
Fire Chief



City of Bethel & ONC

Community Economic Development Strategy Plan

May 2003

Prepared by ASCG Incorporated
And the Community of Bethel

ORUTSARARMIUT NATIVE COUNCIL

RESOLUTION #03-05-12

A RESOLUTION ADOPTING THE BETHEL COMMUNITY ECONOMIC DEVELOPMENT STRATEGIC (CEDS) PLAN

Whereas, Orutsararmiut Native Council (ONC) and the City of Bethel are committed to develop a CEDS for the community of Bethel to guide implementation of projects—a process which began in July 2002, and;

WHEREAS, The City of Bethel is the municipal government for the community of Bethel, and;

WHEREAS, Under P.L. 93-638, Orutsararmiut Native Council (ONC) is federally recognized as the tribal governing body for the Native village of Bethel. The mission of ONC is to promote the general welfare, enhance independence, encourage self-sufficiency/self-motivation, enhance quality of life, and preserve cultural and traditional values of the tribe, and to exercise tribal authority over resources through educational, economic and social development opportunities, and;

WHEREAS, Orutsararmiut Native Council recognizes the importance of strategically planning to implement projects for community benefits, and a strategic plan, including community priorities and economic development goals, may be used as a guide in pursuing funds and projects for the community, and;

Whereas, United efforts in planning for the future along with the community at large resulted in the attached CEDS, providing a clear understanding of needs and priorities for the community, and;

Whereas, This CEDS will be submitted to the U.S. Economic Development Administration (EDA) for approval, and;

Whereas, This CEDS is required as a qualification for EDA assistance under its public works, economic adjustment and planning grant programs and is a prerequisite for designation by EDA as an economic development district, and;

Whereas, The CEDS provides a mechanism for individuals, local government and private industry to coordinate economic development efforts and will help to guide infrastructure development, and;

Whereas, It will be important for community agencies to work together using the CEDS collaboratively for the benefit of the future of our community.

Whereas, ONC supports the concept of expanding a skilled workforce within the community of Bethel.

NOW, THEREFORE, BE IT RESOLVED that Orutsararmiut Native Council, adopts the attached 2003 Community Economic Development Strategic (CEDS) Plan

P.O. Box 927, Bethel, Alaska 99559-0927 (907) 543-2608 FAX (907) 543-2639 IN STATE ONLY 800-478-2654

BE IT FURTHER RESOLVED that the Orutsararmiut Native Council administration is directed to update the CEDS annually, and administration is directed to work in partnership with other agencies on implementation of the CEDS.

PASSED ON THIS 21st DAY OF May 2003. POLL VOTE 7 YES 0 NO 0 ABSTAIN.

Raymond Watson, Chairman

Gloria Simeon, Secretary

Introduced by: Mayor Short
Date: May 13, 2003
Action: Adopted
Vote: Unanimous

CITY OF BETHEL, ALASKA

RESOLUTION #03-16

A RESOLUTION ADOPTING THE BETHEL COMMUNITY ECONOMIC DEVELOPMENT STRATEGY (CEDS) PLAN

WHEREAS, The City of Bethel and Orutsararmiut Native Council (ONC) committed to develop a CEDS for the community of Bethel to guide implementation of projects—a process which began in July 2002, and;

WHEREAS, The City of Bethel is the municipal government and ONC is the tribal government for the community of Bethel, and;

WHEREAS, The City of Bethel recognizes the importance of strategically planning to implement projects for the community, and a strategic plan, including community priorities and economic development goals, may be used as a guide in pursuing funds and projects for the community, and;

WHEREAS, United efforts in planning for the future along with the community at large resulted in the attached CEDS, providing a clear understanding of needs and priorities for the community, and;

WHEREAS, This CEDS will be submitted to the U.S. Economic Development Agency (EDA) for approval, and;

WHEREAS, This CEDS is required as a qualification for EDA assistance under its pubic works, economic adjustment and planning grant programs and is a prerequisite for designation by EDA as an economic development district, and;

WHEREAS, The CEDS provides a mechanism for individuals, local government and private industry to coordinate economic development efforts and will help to guide infrastructure development, and;

WHEREAS, It will be important for community agencies to work together using the CEDS collaboratively for the benefit of the future of our community.

NOW, THEREFORE, BE IT RESOLVED that City of Bethel, City Council, adopts the attached 2003 Community Economic Development Strategic (CEDS) Plan.

BE IT FURTHER RESOLVED that City administration is directed to up-date the CEDS annually, and City administration is directed to work in partnership with other agencies on implementation of the CEDS.

PASSED AND APPROVED THIS 13th DAY OF MAY 2003, by a unanimous voice vote.

Hugh Short, Mayor

ATTEST:

Janette Persinger, City Clerk
City of Bethel, Alaska

GOALS AND OBJECTIVES*

Strengthen and Diversify	Educate and Train	Infrastructure	Quality of Life	
Goal 1. Strengthen and diversify the economy by building on current strategic assets of Bethel	*Goal 2. Educate and train Bethel Workforce to better meet the employment needs of business and organizations in Bethel or moving to Bethel*	*Goal 3. Build infrastructure to support economic development*	*Goal 4. Improve the quality of life in Bethel to make it attractive*	
Objective 1. Develop sustainable industries/businesses (1.2)	**Objective 1.** Support the continued development of local hire effort (1.1)	**Objective 1.** Expand community infrastructure to accommodate growing population and provide for basic services (3.1)	**Objective 1.** Preserve and promote Bethel's role in the region as the educational, transportation, public administration, economic and health care hub (1.3)	**Objective 2.** Support and foster efforts to lower the cost of living in Bethel (1.4)
Objective 2. Promote and publicize Bethel and the community (5.1)	**Objective 2.** Improve the quality of education and decrease dropout rate (8.2)	**Objective 2.** Develop transportation infrastructure (3.2)	**Objective 3.** Ensure appropriate and safe housing for vulnerable populations (2.1)	**Objective 4.** Increase opportunities for safe and affordable housing (2.2)
Objective 3. Promote Yup'ik culture and Bethel History (5.2)			**Objective 5.** Improve the air quality in the Bethel area (4.1)	**Objective 6.** Conserve and improve open/green space and fish and wildlife habitats in Bethel and the surrounding areas (4.2)
			Objective 7. Improve solid and hazardous waste management practices (4.3)	**Objective 8.** Encourage community involvement in public safety (6.1)
			Objective 9. Expand public safety services (6.3)	**Objective 10.** Promote healthy active living and lifestyles for people of all ages living in the community (7.1)
			Objective 11. Reduce drug and alcohol dependence creating a healthier community (8.1)	

*Taken from Community meetings and outreach held between October 2002 and April 2003

Long Term Action Plan - Years Six through Ten

Infrastructure (Continued)

Action	Goals/Objectives Met	Status/Costs if known	Target Date	Performance Measures/Potential Partners
Improve and expand the Bethel Port and boat harbor	Goals 3, Objective 2			*Performance Measures* Port committee formed, port opportunities expanded
Monitor and track Sea Wall protection/erosion			Ongoing	*Potential Partners/Resources* City, USACE, Denali Commission
Implement reccommendations from Port and Harbor Plan Update			Ongoing	City, USACE, Denali Commission
Quality of Life				
Construct and operate an Assisted Living Home Program (2.1.1)	Goal 4, Objective 10			*Performance Measures* Assisted Living Home Center built and operated
Continue to coordinate and support YKHC			Ongoing	*Potential Partners/Resources* YKHC, City, AVCP housing, Calista Elder Council, Bethel Family Clinic
Construct and operate Skilled Nursing Home and Primary Care Center	Goal 4, Objective 1			*Performance Measures* Skilled Nursing Home and Primary Care Center Operational
Track number of residents at Skilled Nursing Home and clients served at the Primary Care Center			Ongoing	*Potential Partners/Resources* YKHC, AVCP housing, Calista Elder Council, Bethel Family Clinic
Increase and protect existing green space (4.2.3)	Goal 4, Objective 6			*Performance Measures* Green spaces identified, steps begun to protect and expand
Support Adopt-a-Park and green space inititatives			Ongoing	*Potential Partners/Resources* City, ADEC, ASWCD, NRCS, ADF&G,USFWS, UAF-KUC,Park Service, State Parks
Contain Loose/uncontrolled pets	Goal 4, Objective 10			*Performance Measures* Reduced number of loose pet complaints
Continue work to educate public about containing loose/uncontrolled animals			Ongoing	City, ADF&G, USFWS, Department of Public Safety
Expand and Improve Public Safety System	Goal 4, Objective 9			*Performance Measures* Reduction in crime rate, reduction in injuries related to helmet and car seat usage, increase in informants, applications submitted for jail, police facility
Continue to meet with Police to discuss ways to expand and improve public safety system			Ongoing	*Potential Partners/Resources* DOC,DOJ, City , YKHC, BBHC, LKSD, Tundra Center
Continue injury prevention programs			Ongoing	DOC,DOJ, City , YKHC, BBHC, LKSD, Tundra Center
Improve firefighting capabilities	Goal 4, Objective 9			*Performance Measures* Application submitted for training tower
Continue to support improvements to firefhighting capabilities			Ongoing	*Potential Partners/Resources* Department of Public Safety, City

Medium Term Action Plan - Years Three to Five

Quality of Life (Continued)

Action	Goals/Objectives Met	Status/Costs if known	Target Date	Performance Measures
Improve firefighting capabilities	**Goal 4, Objective 9**			***Performance Measures*** **Application submitted for training tower**
Meet with fire support personnel to detail further needs			Aug-03	*Potential Partners/Resources* Department of Public Safety, City
Submit funding request for improving firefighting capabilities				Department of Public Safety, City
Reduce the use of alcohol and illegal drugs	**Goal 4, Objective 11**			***Performance Measures*** **Reduction in crime, alcohol and substance abuse rates down**
Continue to develop education plan, support DARE, GREAT			Ongoing	*Potential Partners/Resources* City, ONC, AVCP, YKHC, LKSD
Meet with Police to discuss alcohol bootleg and illegal drug enforcement			Jun-04	City, ONC, AVCP, YKHC,
Continue to track alcohol and illegal drug use			Ongoing	City, ONC, AVCP, YKHC, LKSD
Implement media campaign concerning alcohol and substance abuse			Aug-03	City, ONC, AVCP, YKHC, LKSD
Establish a Tribal Justice System	**Goal 4, Objective 9**			***Performance Measures*** **Funding applications submitted for Tribal Youth Court Program and Tribal Court**
Continue to coordinate with ONC to implement plan			Ongoing	*Potential Partners/Resources* ONC, AVCP
Support ONC Self Determination Efforts	**Goal 4, Objective 1**			***Performance Measures*** **Increased number of PL-638 contracts**
Work to continue support for ONC Self Determination			Ongoing	*Potential Partners/Resources* ONC, AVCP
Foster and promote land development	**Goal 4, Objective 1,3,4**			***Performance Measures*** **Additional lots available for development**
Implement strategies for marketing commercial and residential lands, removing barriers			Jan-04	*Potential Partners/Resources* City, BNC, AVCP Housing, DCED
Continue to educate allotment owners on opportunities, rights, etc.			Ongoing	BNC, AVCP Housing, DCED
Establish local real estate office			May-04	City, BNC, AVCP Housing, DCED
Foster and promote housing development	**Goal 4, Objective 4**			***Performance Measures*** **Increase in available housing**
Implement strategies to create affordable housing			Aug-04	*Potential Partners/Resources* City, BNC, AVCP Housing, DCED, YKHC, Tundra Center
Construct additional employee housing			May-05	City, BNC, AVCP Housing, DCED, YKHC
Track ONC housing development			Ongoing	City, BNC, AVCP Housing, DCED, YKHC
Construction Coop purchasing materials			Jan-06	City, BNC, AVCP Housing, DCED, YKHC

Short Term Action Plan - The First Two Years
Quality of Life (continued)

Action	Goals/Objectives Met	Status/costs if known	Target Date	Performance Measures/Potential Partners
Inventory existing green space, potential green spaces threatened by development			Jan-04	City, DEC, ASWCD, NRCS, ADF&G, USFWS, UAF-KUC, Park Service, State Parks
Research grant funding for increasing and protecting green spaces			Jan-04	City, DEC, ASWCD, NRCS, ADF&G, USFWS, UAF-KUC, Park Service, State Parks
Collect habitat and subsistence maps			Jun-04	City, DEC, ASWCD, NRCS, ADF&G, USFWS, UAF-KUC, Park Service, State Parks
Research Adopt a Park programs			Sep-03	City, DEC, ASWCD, NRCS, ADF&G, USFWS, UAF-KUC, Park Service, State Parks
Contain Loose/uncontrolled animals	**Goal 4, Objective 9**			***Performance Measures*** **Reduced number of loose pet complaints**
Research other communities animal ordinance and enforcement policies			Oct-03	*Potential Partners/Resources* City, ADF&G, USFWS, Department of Public Safety
Develop public awareness campaign			Nov-03	*Potential Partners* City, ADF&G, USFWS, Department of Public Safety
Expand and Improve Public Safety System	**Goal 4, Objective 9**			***Performance Measures*** **Reduced crime rate, reduced injuries related to helmet and car seat usage, increase in informants, applications submitted for jail, police facility**
Meet to discuss requirement for new jail			Sep-03	*Potential Partners/Resources* DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Meet to discuss requirement for police facility expansion			Sep-03	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Meet to discuss improvements to 9-1-1 dispatch			Sep-03	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Research funding sources for required needs			Sep-03	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Submit required funding applications			May-04	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Determine site location for new police facility			Sep-03	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Meet with Police to discuss informant policies, how to improve, expand program			Sep-03	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Intensify enforcement practices for controlled substance and inhalant abuse			Jan-03	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Provide "take home" cruisers to increase neighborhood police presence			Aug-04	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Educate public on injury prevention, arrange classes on gun lock safety, bicycle safety, car seat safety, & ATV snow machine helmet use			On-going	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center
Establish Neighborhood Watch/Crime Stoppers program			Aug-04	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center, Department of Public Safety, Alaska State Troopers
Establish Neighborhood Watch/Crime Stoppers Hotline			Aug-04	DOC, DOJ, City, YKHC, BBHC, LKSD, Tundra Center, Department of Public Safety, Alaska State Troopers
Expand firefighting training capabilities	**Goal 4, Objective 9**			***Performance Measures*** **Application submitted for training tower**
Determine site location for tower		Done	Mar-03	*Potential Partners/Resources* Department of Public Safety, City
Research funding sources and charitable events for required training tower funds			Jan-03	Department of Public Safety, City
Gather LOS plan to move forward			Sep-04	Department of Public Safety, City